

Converting Colors

YUV(238.1960, -7.4916,
-23.8509)

Have a look what the booklet for
YUV(238.1960, -7.4916, -23.8509)
contains.

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Color

**YUV(238.1960, -7.4916,
-23.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FFDF
RGB	211, 255, 223
RGB Percent	83%, 100%, 87%
CMY	0.1725, 0.0000, 0.1255
CMYK	0.17, 0.00, 0.13, 0.00
HSL	136°, 100%, 91%
HSV	136°, 17%, 100%
XYZ	75.9433, 90.6966, 83.3156
YIQ	238.1960, -15.9520, -19.2800

Conversions

Conversions Part 2

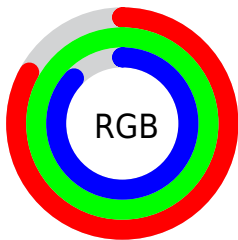
Format	Color
R _Y B	211, 246, 255
Decimal	13893599
CIE Lab	96.28, -20.02, 10.66
CIE LCh	96, 22.683, 151.956
Yxy	90.6966, 0.3038, 0.3629
Android (android.graphics.Color)	4292083679 (0xFFD3FFDF)
YUV	238.1960, -7.4916, -23.8509
Hunter-Lab	95.2348, -24.3192, 14.7948

Details

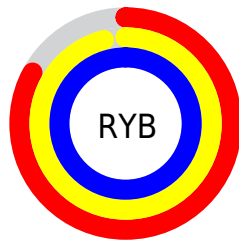
The YUV color $238.1960, -7.4916, -23.8509$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $227.8040, 7.4916, 23.8509$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.0220, -6.9128, -22.8213$ is the 20% darker color. If you saturate the color by 10%, you get $228.2560, -11.9582, -37.9355$, and if you desaturate by 10%, it is $247.8370, -2.8776, -10.3810$.

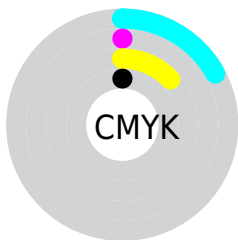
Distribution



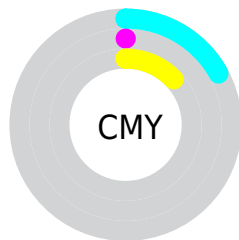
- Red (83%)
- Green (100%)
- Blue (87%)



- Red (83%)
- Yellow (96%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.1960, -7.4916, -23.8509 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 238.1960, -7.4916, -23.8509 by changing the saturation by 10% instead.

■ 238.1960, -7.4916,
-23.8509

■ 238.1960, -7.4916,
-23.8509

255.0000, 0.0000,
0.0000

■ 209.6090, -7.2022,
-23.3361

■ 182.0220, -6.9128,
-22.8213

■ 155.3210, -7.0603,
-22.2065

■ 128.8480, -6.3341,
-21.7917

■ 103.2610, -6.0447,
-21.2769

■ 79.3750, -5.6079,
-21.3769

■ 55.7880, -5.3185,

-20.8621

■ 32.8310, -3.8607,
-21.7768

■ 16.4360, -8.1029,
-14.4144

■ 238.1960, -7.4916,
-23.8509

■ 238.1960, -7.4916,
-23.8509

■ 228.2560,
-11.9582, -37.9355

■ 247.8370, -2.8776,
-10.3810

■ 218.7290,
-16.1354, -51.5053

255.0000, 0.0000,
0.0000

■ 208.7890,
-20.6020, -65.5900

■ 199.2620,
-24.7792, -79.1598

■ 189.3220,
-29.2457, -93.2444

■ 179.7950,
-33.4229, -106.8142

■ 169.8550,
-37.8895, -120.8988

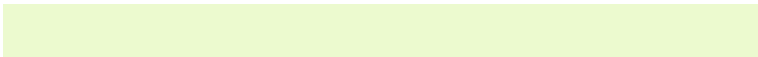
■ 160.3280,
-42.0667, -134.4687

■ 157.6650,
-43.2188, -138.2722

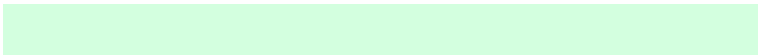
Harmonies

Analogous

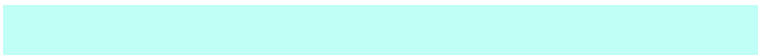
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.9120, -16.7186, -4.3078



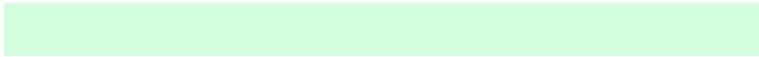
238.1960, -7.4916, -23.8509



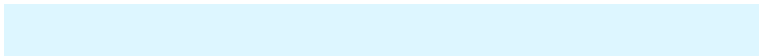
235.0230, 4.9187, -37.7312

Triad

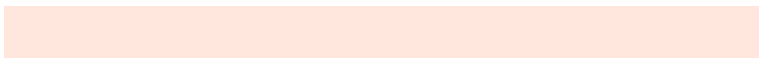
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.1960, -7.4916, -23.8509



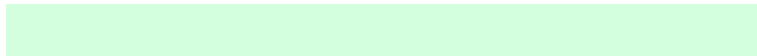
239.5510, 7.6164, -16.2692



237.1500, -7.4689, 15.6545

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



238.1960, -7.4916, -23.8509



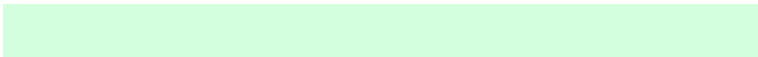
227.8040, 7.4916, 23.8509

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.4840, 2.7194, 14.4845



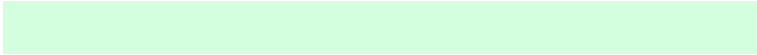
238.1960, -7.4916, -23.8509



243.5260, 5.6567, 5.6777

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



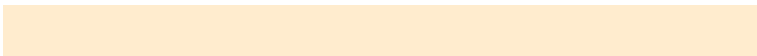
238.1960, -7.4916, -23.8509



235.8970, 9.4178, -34.1127



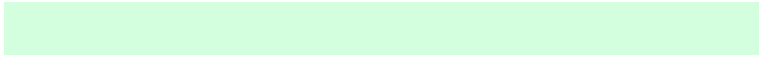
241.4990, 6.6560, 11.8404



238.2610, -15.9047, 14.6801

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



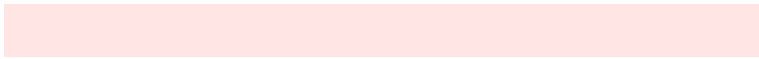
238.1960, -7.4916, -23.8509



234.3690, 10.1711, -42.4196



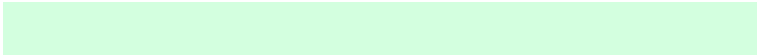
241.4990, 6.6560, 11.8404



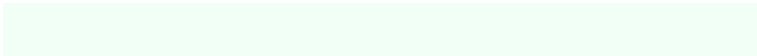
237.3610, -4.1220, 15.4694

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



238.1960, -7.4916, -23.8509



250.0870, -2.0149, -7.0923



246.3960, -17.4502, -2.9783



124.9240, -1.4415, -4.3183



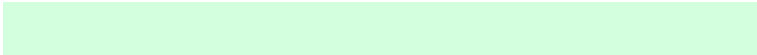
0.0000, 0.0000, 0.0000



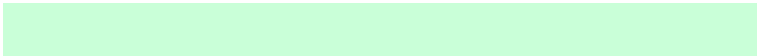
128.0000, 0.0000, 0.0000

Same Dimension

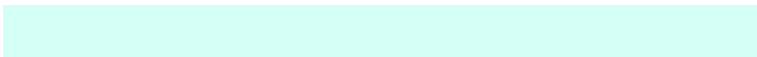
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.1960, -7.4916, -23.8509



234.4080, -9.0751, -29.2988



240.7040, 2.1179, -26.0504



122.9730, -2.4517, -6.9923



118.0450, -32.5602, -103.5255



39.5060, -11.0955, -34.6468

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



227.8040, 7.4916, 23.8509



221.5920, 9.0751, 29.2988



225.2960, -2.1179, 26.0504



119.9130, 2.0149, 7.0923



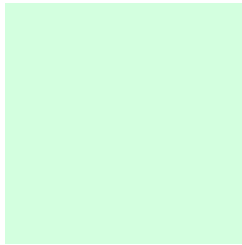
72.9550, 32.5602, 103.5255



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 238.1960, -7.4916, -23.8509 looks on a white background.

Color Contrast Check

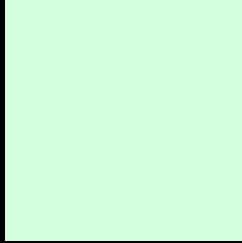
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 238.1960, -7.4916, -23.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

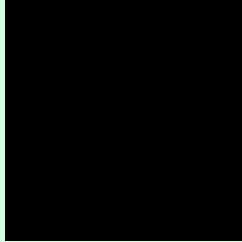
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

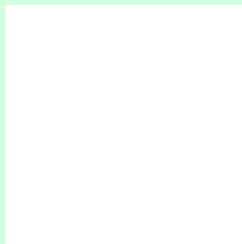
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.1960, -7.4916, -23.8509

Background



This preview shows how black text looks on a background with the YUV color 238.1960, -7.4916, -23.8509.



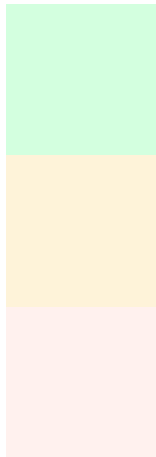
This preview shows how white text looks on a background with the YUV color 238.1960, -7.4916, -23.8509.

-23.8509.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

238.1960, -7.4916, -23.8509

Protanopia

243.3250, -12.9782, 9.3620

Deuteranopia

244.8440, -3.3741, 8.9068



Tritanopia

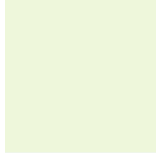
243.1390, 5.8475, -8.8919

Trichromacy



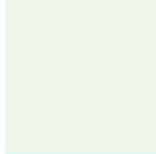
Original Color

238.1960, -7.4916, -23.8509



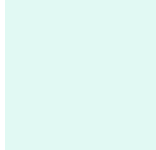
Protanomaly

241.1170, -10.9037, -2.7336



Deuteranomaly

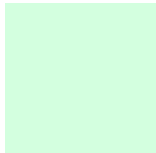
242.4250, -4.6465, -3.0037



Tritanomaly

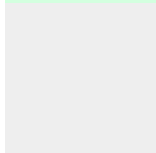
241.1400, 0.9170, -14.1548

Monochromacy



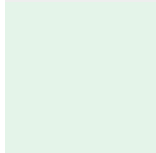
Original Color

238.1960, -7.4916, -23.8509



Achromatopsia

238.0000, 0.0000, 0.0000



Achromatomaly

237.9620, -2.4463, -8.7367

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.1960, -7.4916, -23.8509 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(211, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 223)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(211, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 223) }
```

Border

The CSS property to change the border of an element to YUV 238.1960, -7.4916, -23.8509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 255, 223) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(211, 255, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(211, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 238.1960, -7.4916, -23.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(211,  
255, 223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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