

Converting Colors

YUV(238.4980, 1.2335,
-22.3617)

Have a look what the booklet for
YUV(238.4980, 1.2335, -22.3617)
contains.

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Color

**YUV(238.4980, 1.2335,
-22.3617)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FBF1
RGB	213, 251, 241
RGB Percent	84%, 98%, 95%
CMY	0.1647, 0.0157, 0.0549
CMYK	0.15, 0.00, 0.04, 0.02
HSL	164°, 83%, 91%
HSV	164°, 15%, 98%
XYZ	77.8149, 89.4914, 96.3914
YIQ	238.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

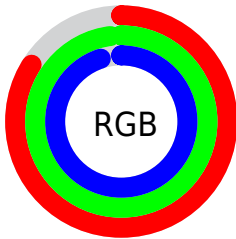
Format	Color
R_{YB}	213, 235, 251
Decimal	14023665
CIE Lab	95.79, -14.09, 0.69
CIE LCh	96, 14.103, 177.177
Yxy	89.4914, 0.2951, 0.3394
Android (android.graphics.Color)	4292213745 (0xFFD5FBF1)
YUV	238.4980, 1.2335, -22.3617
Hunter-Lab	94.5999, -18.7212, 5.8071

Details

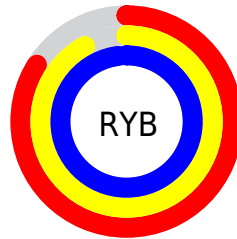
The YUV color $238.4980, 1.2335, -22.3617$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.5020, -1.2335, 22.3617$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.2100, 1.3755, -21.2322$ is the 20% darker color. If you saturate the color by 10%, you get $230.2250, 1.8611, -37.0313$, and if you desaturate by 10%, it is $246.7710, 0.6059, -7.6922$.

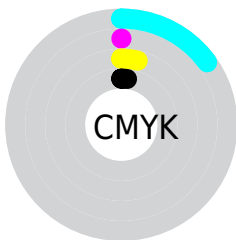
Distribution



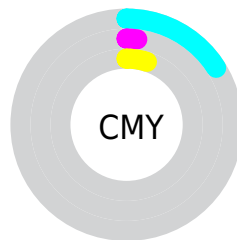
- Red (84%)
- Green (98%)
- Blue (95%)



- Red (84%)
- Yellow (92%)
- Blue (98%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (16%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.4980, 1.2335, -22.3617 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 238.4980, 1.2335, -22.3617 by changing the saturation by 10% instead.

■ 238.4980, 1.2335,
-22.3617

■ 238.4980, 1.2335,
-22.3617

255.0000, 0.0000,
0.0000

■ 209.9110, 1.5229,
-21.8469

■ 182.2100, 1.3755,
-21.2322

■ 155.5090, 1.2281,
-20.6174

■ 129.5090, 1.2281,
-20.6174

■ 103.9220, 1.5175,
-20.1026

■ 79.9220, 1.5175,
-20.1026

■ 56.3350, 1.8068,

-19.5878

■ 34.0360, 1.9543,
-20.2026

■ 16.6130, 0.1908,
-14.5696

■ 238.4980, 1.2335,
-22.3617

■ 238.4980, 1.2335,
-22.3617

■ 230.2250, 1.8611,
-37.0313

■ 246.7710, 0.6059,
-7.6922

■ 222.0660, 2.9255,
-51.8009

■ 252.5380, 0.7208,
2.1592

■ 213.7930, 3.5531,
-66.4705

■ 252.6520, 1.1576,
2.0592

■ 205.6340, 4.6174,
-81.2400

■ 197.3610, 5.2450,
-95.9096

■ 188.7890, 6.0200,
-111.1940

■ 180.6300, 7.0844,
-125.9635

■ 172.3570, 7.7120,
-140.6331

■ 168.4270, 8.1705,
-147.7105

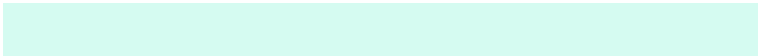
Harmonies

Analogous

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



239.4300, -5.6350, -12.6551



238.4980, 1.2335, -22.3617



238.8980, 7.9383, -26.2205

Triad

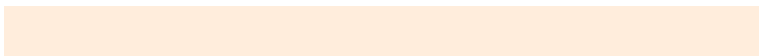
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.4980, 1.2335, -22.3617



242.9060, 5.9623, 0.9594



240.4440, -10.0789, 12.7656

Complementary

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



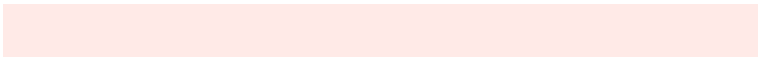
238.4980, 1.2335, -22.3617



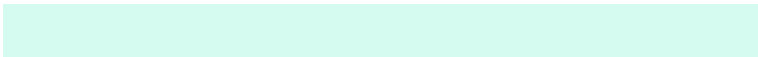
225.5020, -1.2335, 22.3617

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.



239.9370, -4.4059, 13.2103



238.4980, 1.2335, -22.3617



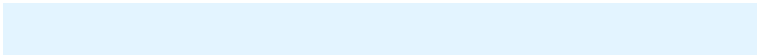
243.8470, 5.4984, 9.7812

Square

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



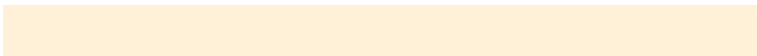
238.4980, 1.2335, -22.3617



240.1710, 7.3107, -11.5510



241.5330, 1.7092, 11.8106



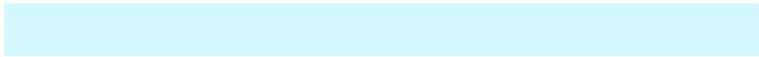
242.3360, -12.9836, 11.1063

Rectangle

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



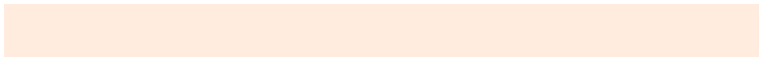
238.4980, 1.2335, -22.3617



238.3220, 8.2223, -23.9614



241.5330, 1.7092, 11.8106



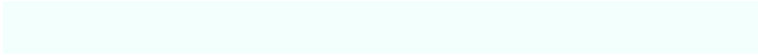
240.1990, -8.4791, 12.9805

Sweetspot

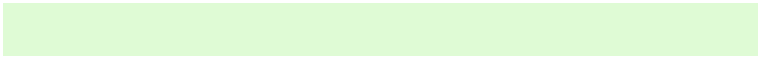
The Sweet Spot groups the original color and five complimentary colors.



238.4980, 1.2335, -22.3617



250.7710, 0.6059, -7.6922



238.2960, -12.4709, -13.4146



125.2660, -0.1311, -4.6183



0.0000, 0.0000, 0.0000



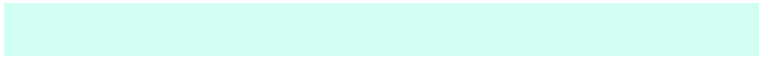
128.0000, 0.0000, 0.0000

Same Dimension

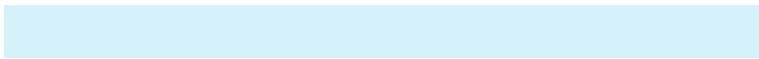
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.4980, 1.2335, -22.3617



239.8780, 1.5391, -27.0800



234.3550, 8.2060, -18.7283



120.7710, 0.6059, -7.6922



126.7890, 6.0200, -111.1940



40.9370, 2.0031, -35.9017

Inverse Universe

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



225.5020, -1.2335, 22.3617



224.1220, -1.5391, 27.0800



229.6450, -8.2060, 18.7283



116.3430, -0.1691, 7.5922



62.2110, -6.0200, 111.1940



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 238.4980, 1.2335, -22.3617 looks on a white background.

Color Contrast Check

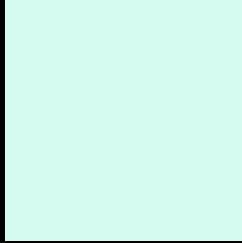
Large Text (above 18pt) WCAG AA × Fail

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 238.4980, 1.2335, -22.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

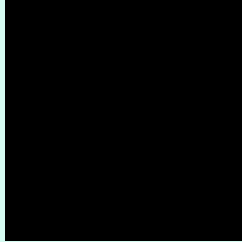
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

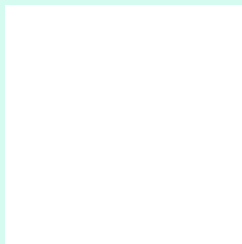
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.4980, 1.2335, -22.3617

Background



This preview shows how black text looks on a background with the YUV color 238.4980, 1.2335, -22.3617.



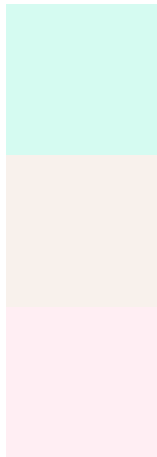
This preview shows how white text looks on a background with the YUV color 238.4980, 1.2335, -22.3617.

-22.3617.

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

238.4980, 1.2335, -22.3617

Protanopia

242.5230, -3.2158, 4.8033

Deuteranopia

243.6530, -0.3219, 9.9513



Tritanopia

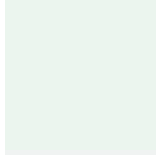
241.6550, 6.5791, -10.2214

Trichromacy



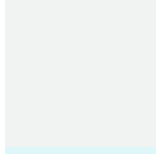
Original Color

238.4980, 1.2335, -22.3617



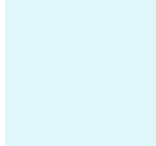
Protanomaly

241.2120, -1.5835, -5.4479



Deuteranomaly

241.9890, 0.0054, -1.7444



Tritanomaly

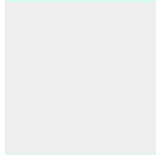
240.4650, 4.7008, -14.4398

Monochromacy



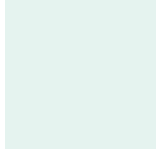
Original Color

238.4980, 1.2335, -22.3617



Achromatopsia

238.0000, 0.0000, 0.0000



Achromatomaly

238.3580, 0.3165, -8.2070

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.4980, 1.2335, -22.3617 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(213, 251, 241)` looks like.

```
.text, #text, p{  
    color:rgb(213, 251, 241)  
}
```

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(213, 251, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 251, 241) }
```

Border

The CSS property to change the border of an element to YUV 238.4980, 1.2335, -22.3617 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(213, 251, 241) }
```


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

```
.border{ border-color:rgb(213, 251, 241) }
```

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

Here you see how a box with a 4 pixel rgb(213, 251, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 251, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 251, 241);  
box-shadow:4px 4px 4px 4px rgb(213, 251,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 238.4980, 1.2335, -22.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 251, 241) }
```

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

```
.background{ background-color: rgb(213,  
251, 241) }
```

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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