

Converting Colors

YUV(235.8150, -6.3178,
-27.0248)

Have a look what the booklet for
YUV(235.8150, -6.3178, -27.0248)
contains.

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Color

**YUV(235.8150, -6.3178,
-27.0248)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFEDF
RGB	205, 254, 223
RGB Percent	80%, 100%, 87%
CMY	0.1961, 0.0039, 0.1255
CMYK	0.19, 0.00, 0.12, 0.00
HSL	142°, 96%, 90%
HSV	142°, 19%, 100%
XYZ	73.9379, 89.1905, 83.1306
YIQ	235.8150, -19.2530, -20.0290

Conversions

Conversions Part 2

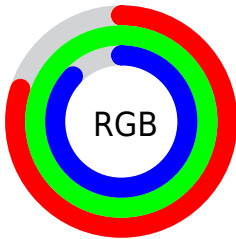
Format	Color
R _Y B	205, 241, 254
Decimal	13500127
CIE Lab	95.66, -21.45, 9.72
CIE LCh	96, 23.547, 155.613
Yxy	89.1905, 0.3002, 0.3622
Android (android.graphics.Color)	4291690207 (0xFFCDFEDF)
YUV	235.8150, -6.3178, -27.0248
Hunter-Lab	94.4407, -25.5230, 13.9190

Details

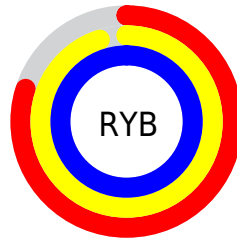
The YUV color $235.8150, -6.3178, -27.0248$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $223.1850, 6.3178, 27.0248$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.6410, -5.7390, -25.9952$ is the 20% darker color. If you saturate the color by 10%, you get $226.5160, -9.6214, -40.7945$, and if you desaturate by 10%, it is $245.1140, -3.0142, -13.2550$.

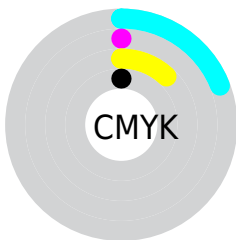
Distribution



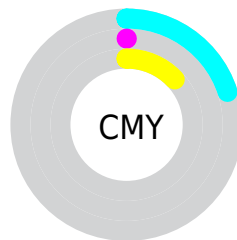
- Red (80%)
- Green (100%)
- Blue (87%)



- Red (80%)
- Yellow (95%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.8150, -6.3178, -27.0248 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 235.8150, -6.3178, -27.0248 by changing the saturation by 10% instead.

■ 235.8150, -6.3178,
-27.0248

■ 235.8150, -6.3178,
-27.0248

255.0000, 0.0000,
0.0000

■ 207.2280, -6.0284,
-26.5100

■ 179.6410, -5.7390,
-25.9952

■ 152.9400, -5.8864,
-25.3804

■ 126.4670, -5.1602,
-24.9656

■ 100.8800, -4.8708,
-24.4508

■ 76.9940, -4.4340,
-24.5507

■ 53.1080, -3.9972,

-24.6507

■ 29.8520, -2.3920,
-26.1802

■ 15.8490, -7.8136,
-13.8996

■ 235.8150, -6.3178,
-27.0248

■ 235.8150, -6.3178,
-27.0248

■ 226.5160, -9.6214,
-40.7945

■ 245.1140, -3.0142,
-13.2550

■ 216.9180,
-12.7776, -55.1791

254.4130, 0.2894,
0.5148

■ 207.6190,
-16.0812, -68.9489

■ 198.0210,
-19.2374, -83.3334

■ 188.7220,
-22.5409, -97.1032

■ 179.4230,
-25.8445, -110.8730

■ 169.8250,
-29.0007, -125.2575

■ 160.4120,
-32.7411, -138.9273

■ 159.7000,
-32.8831, -140.0569

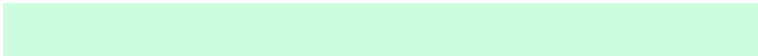
Harmonies

Analogous

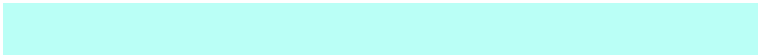
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.3030, -16.4184, -7.2817



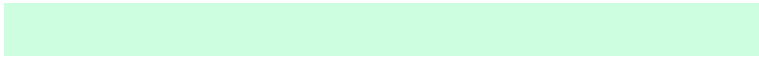
235.8150, -6.3178, -27.0248



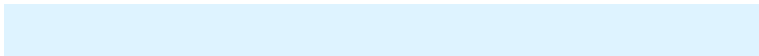
233.3430, 6.2399, -41.5198

Triad

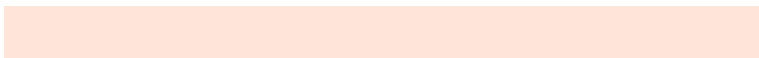
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.8150, -6.3178, -27.0248



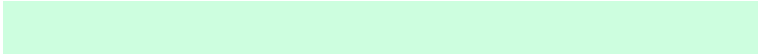
238.0890, 8.3371, -14.1101



235.4060, -9.0742, 17.1839

Complementary

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



235.8150, -6.3178, -27.0248



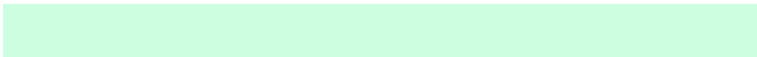
223.1850, 6.3178, 27.0248

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.



236.7400, 1.1142, 16.0140



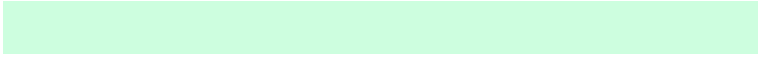
235.8150, -6.3178, -27.0248



242.3630, 6.2300, 8.4516

Square

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



235.8150, -6.3178, -27.0248



234.1250, 10.2914, -34.3126



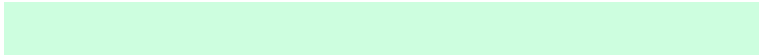
239.7380, 7.5242, 13.3848



237.2180, -17.3625, 15.5948

Rectangle

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



235.8150, -6.3178, -27.0248



232.8740, 10.9081, -45.4935



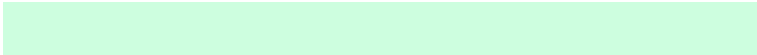
239.7380, 7.5242, 13.3848



235.6170, -5.7272, 16.9989

Sweetspot

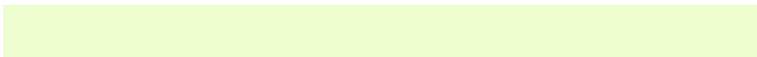
The Sweet Spot groups the original color and five complimentary colors.



235.8150, -6.3178, -27.0248



249.3750, -2.1569, -8.2219



243.0320, -18.7498, -6.1671



124.6250, -1.2941, -4.9331



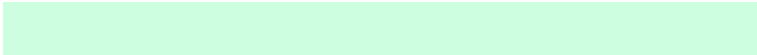
0.0000, 0.0000, 0.0000



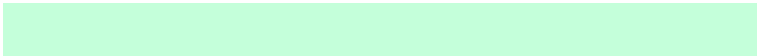
128.0000, 0.0000, 0.0000

Same Dimension

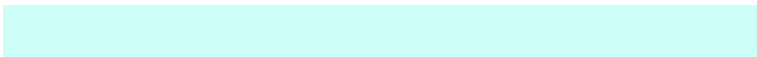
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.8150, -6.3178, -27.0248



233.1410, -7.4645, -32.5727



238.5510, 4.1654, -29.4242



123.0870, -2.0149, -7.0923



120.0970, -24.6978, -105.3251



40.1900, -8.4747, -35.2466

Inverse Universe

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



223.1850, 6.3178, 27.0248



217.8590, 7.4645, 32.5727



220.4490, -4.1654, 29.4242



119.7990, 1.5781, 7.1923



70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 235.8150, -6.3178, -27.0248 looks on a white background.

Color Contrast Check

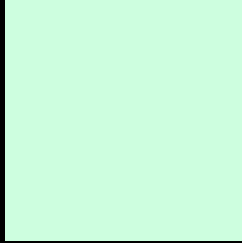
Large Text (above 18pt) WCAG AA × Fail

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 235.8150, -6.3178, -27.0248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

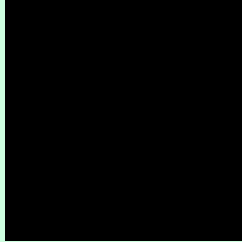
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

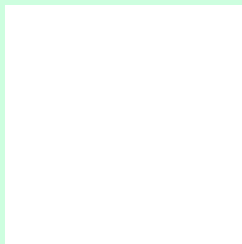
Any Text WCAG AAA ✓ Pass

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

YUV 235.8150, -6.3178, -27.0248 Background



This preview shows how black text looks on a background with the YUV color 235.8150, -6.3178, -27.0248.



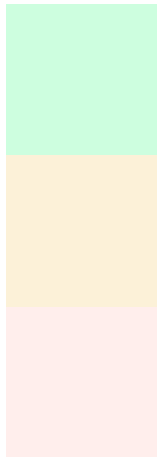
This preview shows how white text looks on a background with the YUV color 235.8150, -6.3178, -27.0248.

-27.0248.

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

235.8150, -6.3178, -27.0248

Protanopia

241.4390, -12.5414, 9.2620

Deuteranopia

242.8550, -3.3795, 10.6512



Tritanopia

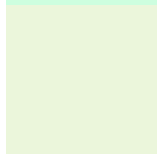
241.0570, 6.8739, -11.4510

Trichromacy



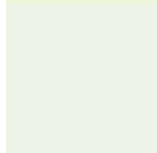
Original Color

235.8150, -6.3178, -27.0248



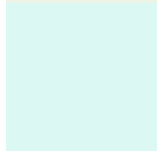
Protanomaly

239.6330, -10.1721, -4.0631



Deuteranomaly

240.4250, -4.6465, -3.0037



Tritanomaly

239.0580, 1.9434, -16.7139

Monochromacy



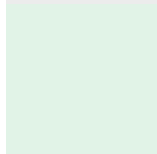
Original Color

235.8150, -6.3178, -27.0248



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

236.2500, -2.5882, -9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.8150, -6.3178, -27.0248 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(205, 254, 223)` looks like.

```
.text, #text, p{  
    color:rgb(205, 254, 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(205, 254, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 254, 223) }
```

Border

The CSS property to change the border of an element to YUV 235.8150, -6.3178, -27.0248 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(205, 254, 223) }
```


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

```
.border{ border-color:rgb(205, 254, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 254, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 254, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 254, 223);  
box-shadow:4px 4px 4px 4px rgb(205, 254,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 235.8150, -6.3178, -27.0248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 254, 223) }
```

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

```
.background{ background-color: rgb(205,  
254, 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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