

Converting Colors

YUV(198.4230, 18.0325,
-90.7020)

Have a look what the booklet for
YUV(198.4230, 18.0325, -90.7020)
contains.

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Color

**YUV(198.4230, 18.0325,
-90.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	5FF4EB
RGB	95, 244, 235
RGB Percent	37%, 96%, 92%
CMY	0.6275, 0.0431, 0.0784
CMYK	0.61, 0.00, 0.04, 0.04
HSL	176°, 87%, 66%
HSV	176°, 61%, 96%
XYZ	52.0654, 73.1324, 89.9691
YIQ	198.4230, -85.9150, -34.3870

Conversions

Conversions Part 2

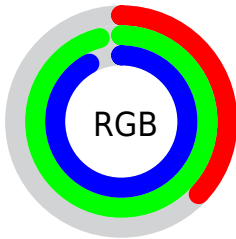
Format	Color
R _Y B	95, 172, 244
Decimal	6288619
CIE Lab	88.51, -41.37, -7.48
CIE LCh	89, 42.039, 190.255
Yxy	73.1324, 0.2420, 0.3399
Android (android.graphics.Color)	4284478699 (0xFF5FF4EB)
YUV	198.4230, 18.0325, -90.7020
Hunter-Lab	85.5175, -40.9799, -2.5141

Details

The YUV color **198.4230, 18.0325, -90.7020** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **140.5770, -18.0325, 90.7020**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5950, 14.0037, -58.4038**, and **130.1750, 24.0707, -114.1635** is the 20% darker color. If you saturate the color by 10%, you get **191.1330, 21.1334, -105.3566**, and if you desaturate by 10%, it is **205.7130, 14.9315, -76.0473**.

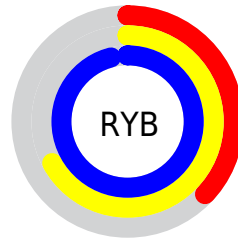
Distribution



Red (37%)

Green (96%)

Blue (92%)



Red (37%)

Yellow (67%)

Blue (96%)

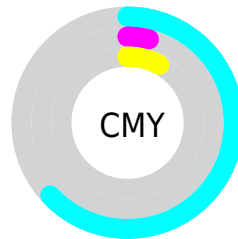


Cyan (61%)

Magenta (0%)

Yellow (4%)

Black (4%)



Cyan (63%)

Magenta (4%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4230, 18.0325, -90.7020 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 198.4230, 18.0325, -90.7020 by changing the saturation by 10% instead.

198.4230, 18.0325,
-90.7020

198.4230, 18.0325,
-90.7020

255.0000, 0.0000,
0.0000

166.8460, 19.7959,
-96.3349

226.5950, 14.0037,
-58.4038

130.1750, 24.0707,
-114.1635

235.8640, 9.4340,
-39.3457

111.3620, 20.5275,
-97.6645

244.8340, 5.0118,
-20.9024

92.5490, 16.9843,
-81.1655

254.4020, 0.2948,
-1.2296

74.4370, 13.5886,
-65.2812

57.0260, 10.3402,
-50.0118

40.3160, 7.2392,

-35.3571

■ 25.5950, 4.1437,
-22.4468

■ 1.3680, 5.2416,
-1.1997

■ 198.4230, 18.0325,
-90.7020

■ 198.4230, 18.0325,
-90.7020

■ 191.1330, 21.1334,
-105.3566

■ 205.7130, 14.9315,
-76.0473

■ 183.4300, 23.9450,
-120.5261

■ 213.4160, 12.1199,
-60.8778


■ 176.1400, 27.0460,
-135.1808


■ 220.7060, 9.0189,
-46.2232


■ 169.3340, 29.4153,
-148.5059

■ 228.4090, 6.2074,
-31.0537

 235.6990, 3.1064,
-16.3990

 243.1030, 0.4422,
-1.8443

 247.4030, -1.1847,
6.6626

 247.6310, -0.3111,
6.4626

 247.7450, 0.1257,
6.3626

Harmonies

Analogous

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



206.9270, -6.3730, -56.0640



198.4230, 18.0325, -90.7020



193.8590, 30.1425, -101.6083

Triad

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



198.4230, 18.0325, -90.7020



223.8340, 15.3648, 18.5626



216.8600, -34.4410, 33.4488

Complementary

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



198.4230, 18.0325, -90.7020



140.5770, -18.0325, 90.7020

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.



212.0790, -19.7589, 37.6417



198.4230, 18.0325, -90.7020



219.2100, 15.1795, 31.3878

Square

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



198.4230, 18.0325, -90.7020



215.0090, 19.7156, -23.6869



212.8890, -1.4243, 36.9313



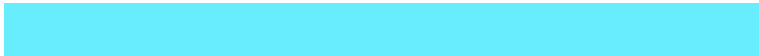
218.2400, -37.5863, 15.5755

Rectangle

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



198.4230, 18.0325, -90.7020



199.2850, 27.4675, -83.5649



212.8890, -1.4243, 36.9313



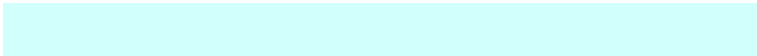
214.7230, -29.9364, 35.3229

Sweetspot

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



198.4230, 18.0325, -90.7020



240.9040, 5.4703, -27.9798



185.4530, -44.5933, -70.5573



119.1010, 3.4012, -17.6286



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.



198.4230, 18.0325, -90.7020



198.1320, 22.6129, -113.2488



161.2940, 40.7741, -58.1398



118.4120, 1.7689, -7.3773



129.1320, 22.6129, -113.2488



40.9030, 6.9498, -35.8719

Inverse Universe

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



140.5770, -18.0325, 90.7020



125.8680, -22.6129, 113.2488



177.7060, -40.7741, 58.1398



113.7020, -1.3321, 7.2773



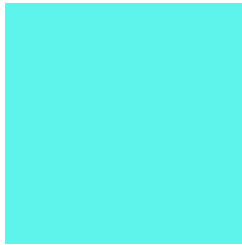
56.8680, -22.6129, 113.2488



18.0970, -6.9498, 35.8719

Previews

White Background



This preview shows how the YUV color 198.4230, 18.0325, -90.7020 looks on a white background.

Color Contrast Check

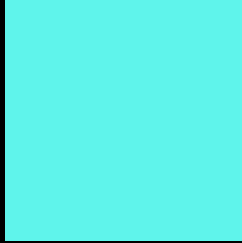
Large Text (above 18pt) WCAG AA × Fail

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 198.4230, 18.0325, -90.7020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

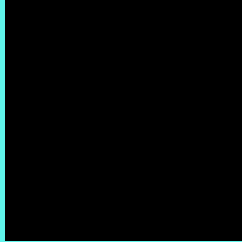
Any Text WCAG AA ✓ Pass

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 198.4230, 18.0325, -90.7020 Background



This preview shows how black text looks on a background with the YUV color 198.4230, 18.0325, -90.7020.

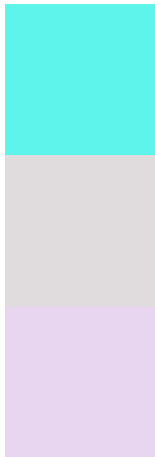


This preview shows how white text looks on a background with the YUV color 198.4230, 18.0325,

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

198.4230, 18.0325, -90.7020

Protanopia

220.6090, -0.3002, 2.9739

Deuteranopia

222.4600, 9.1402, 8.3666



Tritanopia

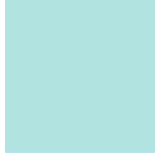
207.0480, 23.6403, -69.3251

Trichromacy



Original Color

198.4230, 18.0325, -90.7020



Protanomaly

212.4090, 6.2074, -31.0537



Deuteranomaly

213.7390, 12.4537, -27.8351



Tritanomaly

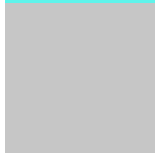
203.8360, 21.7729, -77.0322

Monochromacy



Original Color

198.4230, 18.0325, -90.7020



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.3980, 6.2128, -32.7980

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4230, 18.0325, -90.7020 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(95, 244, 235)` looks like.

```
.text, #text, p{  
    color:rgb(95, 244, 235)  
}
```

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(95, 244, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 244, 235) }
```

Border

The CSS property to change the border of an element to YUV 198.4230, 18.0325, -90.7020 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(95, 244, 235) }
```


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

```
.border{ border-color:rgb(95, 244, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 244, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 244, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 244, 235);  
box-shadow:4px 4px 4px 4px rgb(95, 244,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 198.4230, 18.0325, -90.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 244, 235) }
```

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

```
.background{ background-color: rgb(95, 244,  
235) }
```

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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