

Converting Colors

YUV(191.4470, 18.5136,
-58.2740)

Have a look what the booklet for
YUV(191.4470, 18.5136, -58.2740)
contains.

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Color

**YUV(191.4470, 18.5136,
-58.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	7DDAE5
RGB	125, 218, 229
RGB Percent	49%, 85%, 90%
CMY	0.5098, 0.1451, 0.1020
CMYK	0.45, 0.05, 0.00, 0.10
HSL	186°, 67%, 69%
HSV	186°, 45%, 90%
XYZ	47.6717, 60.1599, 83.2282
YIQ	191.4470, -58.9590, -16.2950

Conversions

Conversions Part 2

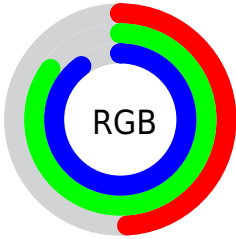
Format	Color
RYB	125, 174, 229
Decimal	8248037
CIELab	81.93, -24.83, -14.03
CIELCh	82, 28.518, 209.470
Yxy	60.1599, 0.2495, 0.3149
Android (android.graphics.Color)	4286438117 (0xFF7DDAE5)
YUV	191.4470, 18.5136, -58.2740
Hunter-Lab	77.5628, -26.0252, -9.3267

Details

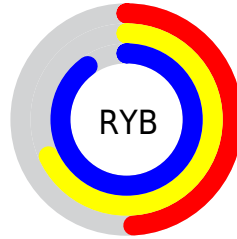
The YUV color **191.4470, 18.5136, -58.2740** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **162.5530, -18.5136, 58.2740**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, 10.6133, -44.2639**, and **135.2510, 19.1033, -60.7331** is the 20% darker color. If you saturate the color by 10%, you get **183.3960, 22.4828, -71.3843**, and if you desaturate by 10%, it is **199.4980, 14.5445, -45.1637**.

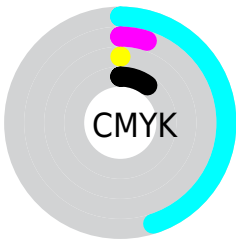
Distribution



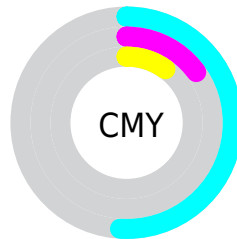
- Red (49%)
- Green (85%)
- Blue (90%)



- Red (49%)
- Yellow (68%)
- Blue (90%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (51%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.4470, 18.5136, -58.2740 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 191.4470, 18.5136, -58.2740 by changing the saturation by 10% instead.

■ 191.4470, 18.5136,
-58.2740

■ 191.4470, 18.5136,
-58.2740

■ 255.0000, 0.0000,
0.0000

■ 163.1480, 18.6610,
-58.8888

■ 233.4720, 10.6133,
-44.2639

■ 135.2510, 19.1033,
-60.7331

■ 242.1430, 6.3385,
-26.4354

■ 105.2610, 20.5773,
-66.8809

■ 251.1130, 1.9163,
-7.9921

■ 78.9510, 20.7302,
-69.2400

■ 61.4260, 17.0450,
-53.8706

■ 44.7160, 13.9440,
-39.2159

■ 29.1800, 10.2643,

-25.5909

■ 11.5240, 8.6157,
-10.1065

■ 0.0000, 0.0000,
0.0000

■ 191.4470, 18.5136,
-58.2740

■ 191.4470, 18.5136,
-58.2740

■ 183.3960, 22.4828,
-71.3843

■ 199.4980, 14.5445,
-45.1637

■ 174.7580, 26.7413,
-83.9798

■ 208.1360, 10.2860,
-32.5683

■ 166.7070, 30.7104,
-97.0900

■ 216.1870, 6.3168,
-19.4580

■ 158.0690, 34.9690,
-109.6855

■ 224.8250, 2.0583,
-6.8625

■ 150.0180, 38.9381,
-122.7958

■ 232.8760, -1.9109,
6.2477

■ 146.4410, 40.7016,
-128.4288

■ 239.1220, -4.9901,
13.9250

■ 240.2960, -5.5689,
12.8954

■ 241.4700, -6.1477,
11.8658

■ 243.2310, -7.0159,
10.3214

Harmonies

Analogous

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



192.8430, 4.5144, -48.0973



191.4470, 18.5136, -58.2740



195.2660, 26.4909, -50.2223

Triad

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



191.4470, 18.5136, -58.2740



208.4390, 11.1226, 25.9250



202.6500, -25.9565, 18.7239

Complementary

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



191.4470, 18.5136, -58.2740



162.5530, -18.5136, 58.2740

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.



204.9710, -22.6637, 35.9824



191.4470, 18.5136, -58.2740



207.6230, -1.2931, 41.5496

Square

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



191.4470, 18.5136, -58.2740



206.0320, 21.6762, 0.8489



205.8330, -13.2287, 43.1195



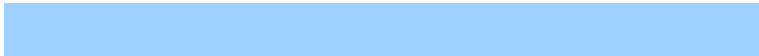
199.4730, -20.9392, -3.9228

Rectangle

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



191.4470, 18.5136, -58.2740



198.9950, 27.6105, -35.9526



205.8330, -13.2287, 43.1195



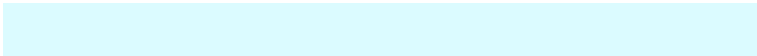
203.5090, -25.3939, 24.9866

Sweetspot

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



191.4470, 18.5136, -58.2740



241.8880, 6.4642, -20.0728



187.1880, -25.7287, -54.5389



119.6610, 4.1111, -11.9807



0.0000, 0.0000, 0.0000



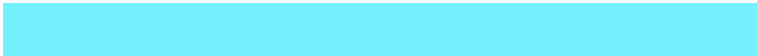
128.0000, 0.0000, 0.0000

Same Dimension

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



191.4470, 18.5136, -58.2740



204.9330, 24.6830, -77.1172



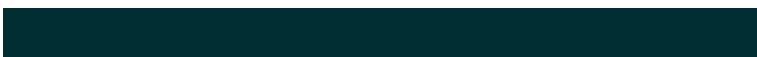
161.5100, 33.2726, -32.0193



110.8250, 2.0583, -6.8625



114.3260, 31.8843, -100.2639



32.8160, 8.9647, -28.7796

Inverse Universe

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



166.6980, 25.2919, 54.6389



172.2840, 33.3840, 72.5419



192.4900, -33.2726, 32.0193



107.8420, 3.0359, 6.2776



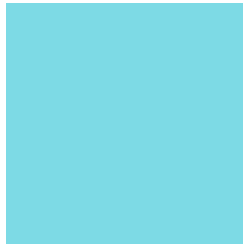
71.7610, 43.5018, 94.0486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 191.4470, 18.5136, -58.2740 looks on a white background.

Color Contrast Check

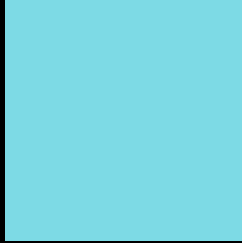
Large Text (above 18pt) WCAG AA × Fail

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 191.4470, 18.5136, -58.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

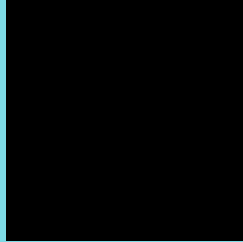
Any Text WCAG AA ✓ Pass

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 191.4470, 18.5136, -58.2740 Background



This preview shows how black text looks on a background with the YUV color 191.4470, 18.5136, -58.2740.



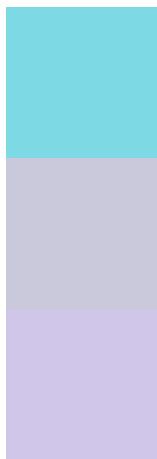
This preview shows how white text looks on a background with the YUV color 191.4470, 18.5136, -58.2740.

-58.2740.

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

191.4470, 18.5136, -58.2740

Protanopia

203.3510, 7.7150, -1.1848

Deuteranopia

204.9800, 13.8139, 2.6485



Tritanopia

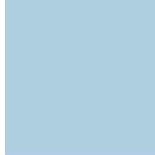
192.1420, 21.1290, -57.1295

Trichromacy



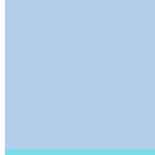
Original Color

191.4470, 18.5136, -58.2740



Protanomaly

198.9570, 11.8532, -21.8873



Deuteranomaly

200.0050, 15.7735, -19.2984



Tritanomaly

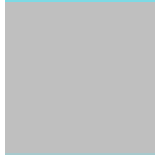
191.6150, 20.4028, -57.5444

Monochromacy



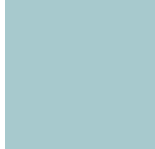
Original Color

191.4470, 18.5136, -58.2740



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.2900, 6.7590, -21.3023

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.4470, 18.5136, -58.2740 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(125, 218, 229)` looks like.

```
.text, #text, p{  
    color:rgb(125, 218, 229)  
}
```

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(125, 218, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 218, 229) }
```

Border

The CSS property to change the border of an element to YUV 191.4470, 18.5136, -58.2740 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

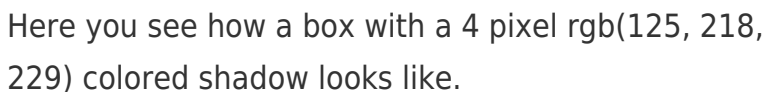
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 218, 229) }
```


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

```
.border{ border-color:rgb(125, 218, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 218, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 218, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 218, 229); box-shadow:4px 4px 4px 4px rgb(125, 218, 229) }
```

Background

The CSS property to change the background color of an element to YUV 191.4470, 18.5136, -58.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 218, 229) }
```

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

```
.background{ background-color: rgb(125,  
218, 229) }
```

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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