

Converting Colors

YUV(190.5280, 18.9667,
-63.6071)

Have a look what the booklet for
YUV(190.5280, 18.9667, -63.6071)
contains.

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Color

**YUV(190.5280, 18.9667,
-63.6071)**

Conversions

Conversions Part 1

Format	Color
Hex	76DCE5
RGB	118, 220, 229
RGB Percent	46%, 86%, 90%
CMY	0.5373, 0.1373, 0.1020
CMYK	0.48, 0.04, 0.00, 0.10
HSL	185°, 68%, 68%
HSV	185°, 48%, 90%
XYZ	47.2073, 60.6951, 83.3560
YIQ	190.5280, -63.6810, -18.8250

Conversions

Conversions Part 2

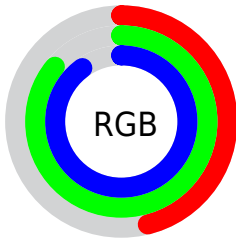
Format	Color
R _Y B	118, 171, 229
Decimal	7789797
CIE Lab	82.21, -27.37, -13.62
CIE LCh	82, 30.574, 206.463
Yxy	60.6951, 0.2468, 0.3173
Android (android.graphics.Color)	4285979877 (0xFF76DCE5)
YUV	190.5280, 18.9667, -63.6071
Hunter-Lab	77.9071, -28.1764, -8.9019

Details

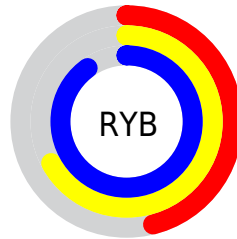
The YUV color **190.5280, 18.9667, -63.6071** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **156.4720, -18.9667, 63.6071**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, 11.4977, -47.9526**, and **133.4350, 19.9985, -67.9105** is the 20% darker color. If you saturate the color by 10%, you get **182.4770, 22.9358, -76.7173**, and if you desaturate by 10%, it is **198.5790, 14.9976, -50.4968**.

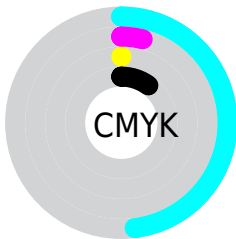
Distribution



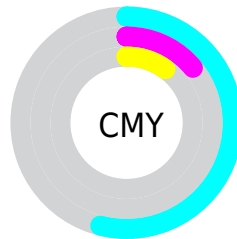
- Red (46%)
- Green (86%)
- Blue (90%)



- Red (46%)
- Yellow (67%)
- Blue (90%)



- Cyan (48%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (54%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.5280, 18.9667, -63.6071 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 190.5280, 18.9667, -63.6071 by changing the saturation by 10% instead.

190.5280, 18.9667,
-63.6071

190.5280, 18.9667,
-63.6071

255.0000, 0.0000,
0.0000

161.9300, 19.2615,
-64.8366

231.6780, 11.4977,
-47.9526

133.4350, 19.9985,
-67.9105

240.3490, 7.2229,
-30.1241

98.9600, 23.6837,
-83.2799

249.3190, 2.8007,
-11.6808

79.5380, 20.4408,
-69.7548

62.6000, 16.4662,
-54.9002

45.8900, 13.3652,
-40.2455

29.7670, 9.9749,

-26.1057

■ 12.8120, 8.4737,
-11.2361

■ 0.0000, 0.0000,
0.0000

■ 190.5280, 18.9667,
-63.6071

■ 190.5280, 18.9667,
-63.6071

■ 182.4770, 22.9358,
-76.7173

■ 198.5790, 14.9976,
-50.4968

■ 174.4260, 26.9050,
-89.8276

■ 206.6300, 11.0284,
-37.3865

■ 166.3750, 30.8741,
-102.9379

■ 214.6810, 7.0593,
-24.2762

■ 158.9110, 34.5539,
-116.5629

■ 222.1450, 3.3795,
-10.6512

■ 150.8600, 38.5230,
-129.6732

■ 229.8970, -0.4422,
1.8443

■ 149.3760, 39.2546,
-131.0028

■ 237.9480, -4.4114,
14.9546

■ 239.1220, -4.9901,
13.9250

■ 240.2960, -5.5689,
12.8954

■ 241.4700, -6.1477,
11.8658

Harmonies

Analogous

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



192.3050, 3.7936, -50.2565



190.5280, 18.9667, -63.6071



193.9770, 28.1123, -56.9848

Triad

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



190.5280, 18.9667, -63.6071



209.1230, 13.7434, 25.3251



203.2160, -27.7145, 22.6126

Complementary

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



190.5280, 18.9667, -63.6071



156.4720, -18.9667, 63.6071

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.



205.7650, -23.5481, 39.6711



190.5280, 18.9667, -63.6071



208.0790, 0.4541, 41.1497

Square

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



190.5280, 18.9667, -63.6071



206.2920, 24.0130, -2.0101



205.3600, -12.5025, 43.5343



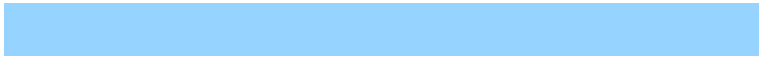
200.5010, -23.4180, -2.1934

Rectangle

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



190.5280, 18.9667, -63.6071



198.0760, 28.0635, -41.2857



205.3600, -12.5025, 43.5343



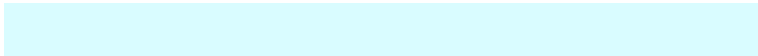
204.0750, -27.1520, 28.8752

Sweetspot

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



190.5280, 18.9667, -63.6071



241.8770, 6.4696, -21.8171



183.9550, -29.0648, -57.8425



119.9490, 3.9691, -13.1103



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.



190.5280, 18.9667, -63.6071



203.7040, 25.2889, -84.8094



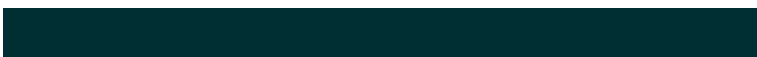
158.8300, 34.5938, -35.8079



110.8250, 2.0583, -6.8625



116.6740, 30.7267, -102.3231



33.4030, 8.6753, -29.2944

Inverse Universe

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



162.8170, 28.1912, 58.0425



166.7560, 37.5883, 77.3900



188.1700, -34.5938, 35.8079



107.8420, 3.0359, 6.2776



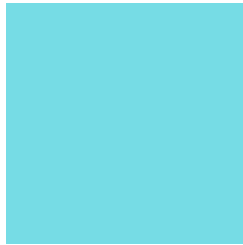
72.2170, 45.2490, 93.6487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 190.5280, 18.9667, -63.6071 looks on a white background.

Color Contrast Check

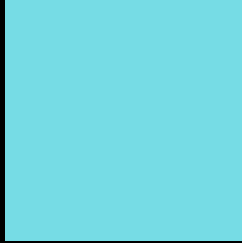
Large Text (above 18pt) WCAG AA × Fail

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 190.5280, 18.9667, -63.6071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

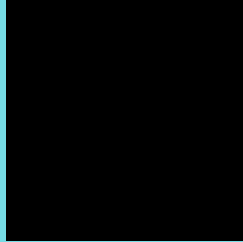
Any Text WCAG AA ✓ Pass

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 190.5280, 18.9667, -63.6071 Background



This preview shows how black text looks on a background with the YUV color 190.5280, 18.9667, -63.6071.



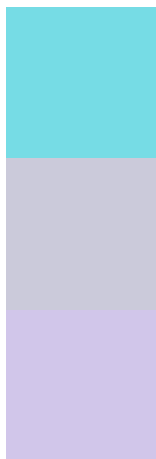
This preview shows how white text looks on a background with the YUV color 190.5280, 18.9667, -63.6071.

-63.6071.

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

190.5280, 18.9667, -63.6071

Protanopia

204.1230, 6.8414, -0.9849

Deuteranopia

205.3930, 14.1033, 3.1633



Tritanopia

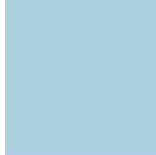
191.3370, 22.0189, -62.5625

Trichromacy



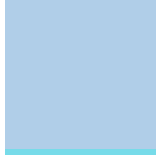
Original Color

190.5280, 18.9667, -63.6071



Protanomaly

199.4190, 11.1324, -24.0465



Deuteranomaly

199.9940, 15.7790, -21.0427



Tritanomaly

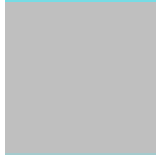
190.6960, 20.8559, -62.8774

Monochromacy



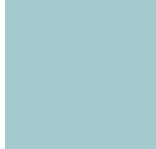
Original Color

190.5280, 18.9667, -63.6071



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

190.9800, 6.9119, -23.6615

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.5280, 18.9667, -63.6071 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(118, 220, 229)` looks like.

```
.text, #text, p{  
    color:rgb(118, 220, 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(118, 220, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 220, 229) }
```

Border

The CSS property to change the border of an element to YUV 190.5280, 18.9667, -63.6071 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(118, 220, 229) }
```


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

```
.border{ border-color:rgb(118, 220, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 220, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 220, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 220, 229);  
box-shadow:4px 4px 4px 4px rgb(118, 220,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 190.5280, 18.9667, -63.6071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 220, 229) }
```

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

```
.background{ background-color: rgb(118,  
220, 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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