

Converting Colors

YUV(190.5830, 18.9396,
-54.8853)

Have a look what the booklet for
YUV(190.5830, 18.9396, -54.8853)
contains.

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Color

**YUV(190.5830, 18.9396,
-54.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	80D7E5
RGB	128, 215, 229
RGB Percent	50%, 84%, 90%
CMY	0.4980, 0.1569, 0.1020
CMYK	0.44, 0.06, 0.00, 0.10
HSL	188°, 66%, 70%
HSV	188°, 44%, 90%
XYZ	47.3454, 58.8472, 82.9920
YIQ	190.5830, -56.3460, -14.0900

Conversions

Conversions Part 2

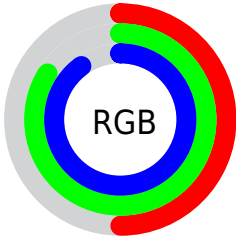
Format	Color
RYB	128, 175, 229
Decimal	8443877
CIELab	81.21, -22.64, -15.09
CIELCh	81, 27.214, 213.686
Yxy	58.8472, 0.2503, 0.3111
Android (android.graphics.Color)	4286633957 (0xFF80D7E5)
YUV	190.5830, 18.9396, -54.8853
Hunter-Lab	76.7119, -24.0785, -10.4455

Details

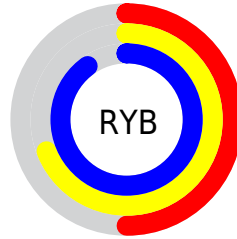
The YUV color **190.5830, 18.9396, -54.8853** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **166.4170, -18.9396, 54.8853**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3690, 10.1711, -42.4196**, and **134.6860, 19.3818, -56.7296** is the 20% darker color. If you saturate the color by 10%, you get **181.9450, 23.1981, -67.4808**, and if you desaturate by 10%, it is **199.2210, 14.6810, -42.2898**.

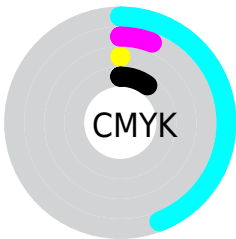
Distribution



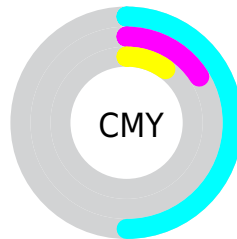
- Red (50%)
- Green (84%)
- Blue (90%)



- Red (50%)
- Yellow (69%)
- Blue (90%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (50%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.5830, 18.9396, -54.8853 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 190.5830, 18.9396, -54.8853 by changing the saturation by 10% instead.

■ 190.5830, 18.9396,
-54.8853

■ 190.5830, 18.9396,
-54.8853

■ 255.0000, 0.0000,
0.0000

■ 162.2840, 19.0870,
-55.5001

■ 234.3690, 10.1711,
-42.4196

■ 134.6860, 19.3818,
-56.7296

■ 243.0400, 5.8963,
-24.5911

■ 106.1800, 20.1243,
-61.5479

■ 251.7110, 1.6215,
-6.7625

■ 77.1900, 21.5983,
-67.6956

■ 60.2520, 17.6238,
-52.8410

■ 43.5420, 14.5228,
-38.1863

■ 28.0060, 10.8430,

-24.5613

■ 9.1760, 9.7732,
-8.0474

■ 0.0000, 0.0000,
0.0000

■ 190.5830, 18.9396,
-54.8853

■ 190.5830, 18.9396,
-54.8853

■ 181.9450, 23.1981,
-67.4808

■ 199.2210, 14.6810,
-42.2898

■ 173.3070, 27.4566,
-80.0762

■ 207.8590, 10.4225,
-29.6943

■ 164.0820, 32.0046,
-92.1569

■ 217.0840, 5.8746,
-17.6137

■ 155.4440, 36.2631,
-104.7524

■ 225.7220, 1.6161,
-5.0182

■ 146.8060, 40.5216,
-117.3479

■ 234.3600, -2.6425,
7.5773

■ 141.7450, 43.0167,
-124.3104

■ 239.7090, -5.2795,
13.4102

■ 241.4700, -6.1477,
11.8658

■ 243.2310, -7.0159,
10.3214

■ 245.5790, -8.1734,
8.2622

Harmonies

Analogous

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



191.0110, 6.4036, -47.3676



190.5830, 18.9396, -54.8853



194.1850, 26.0378, -44.8892

Triad

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



190.5830, 18.9396, -54.8853



206.2820, 9.2280, 26.9397



200.0840, -24.1984, 14.8353

Complementary

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



190.5830, 18.9396, -54.8853



166.4170, -18.9396, 54.8853

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.



202.9490, -22.6529, 32.4937



190.5830, 18.9396, -54.8853



205.4550, -3.1823, 40.8200

Square

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



190.5830, 18.9396, -54.8853



204.4840, 19.4814, 4.8375



204.4800, -14.5336, 41.6750



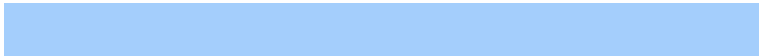
197.6190, -19.0392, -6.6819

Rectangle

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



190.5830, 18.9396, -54.8853



198.6860, 26.2838, -30.4196



204.4800, -14.5336, 41.6750



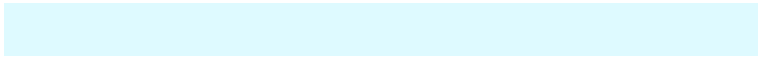
201.0140, -24.6569, 21.9127

Sweetspot

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



190.5830, 18.9396, -54.8853



242.1980, 6.3114, -17.7136



188.7690, -23.5501, -53.2944



119.9600, 3.9637, -11.3659



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.



190.5830, 18.9396, -54.8853



203.4820, 25.3984, -73.2137



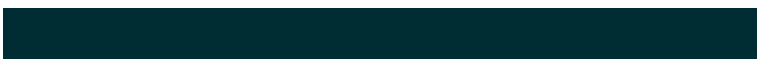
161.2330, 33.4091, -29.1453



110.2380, 2.3477, -6.3477



110.8040, 33.6206, -97.1751



31.6420, 9.5435, -27.7500

Inverse Universe

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



168.1170, 23.1133, 53.3944



173.5890, 30.7686, 71.3974



195.7670, -33.4091, 29.1453



107.7280, 2.5991, 6.3775



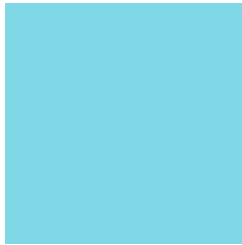
71.0770, 40.8810, 94.6485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 190.5830, 18.9396, -54.8853 looks on a white background.

Color Contrast Check

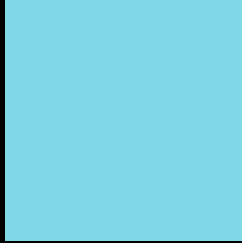
Large Text (above 18pt) WCAG AA × Fail

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 190.5830, 18.9396, -54.8853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

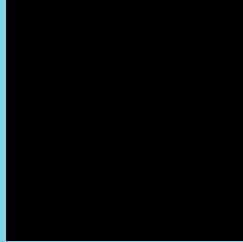
Any Text WCAG AA ✓ Pass

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 190.5830, 18.9396, -54.8853 Background



This preview shows how black text looks on a background with the YUV color 190.5830, 18.9396, -54.8853.



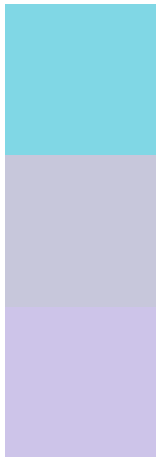
This preview shows how white text looks on a background with the YUV color 190.5830, 18.9396, -54.8853.

-54.8853.

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

190.5830, 18.9396, -54.8853

Protanopia

201.2800, 8.7360, -1.9996

Deuteranopia

202.9090, 14.8349, 1.8338



Tritanopia

191.2240, 20.1026, -54.5704

Trichromacy



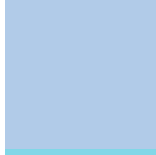
Original Color

190.5830, 18.9396, -54.8853



Protanomaly

197.4840, 12.5794, -21.4725



Deuteranomaly

198.5320, 16.4997, -18.8836



Tritanomaly

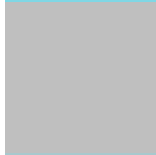
191.1100, 19.6658, -54.4705

Monochromacy



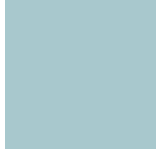
Original Color

190.5830, 18.9396, -54.8853



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.0020, 6.9010, -20.1728

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.5830, 18.9396, -54.8853 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(128, 215, 229)` looks like.

```
.text, #text, p{  
    color:rgb(128, 215, 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(128, 215, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 215, 229) }
```

Border

The CSS property to change the border of an element to YUV 190.5830, 18.9396, -54.8853 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(128, 215, 229) }
```


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

```
.border{ border-color:rgb(128, 215, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 215, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 215, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 215, 229);  
box-shadow:4px 4px 4px 4px rgb(128, 215,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 190.5830, 18.9396, -54.8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 215, 229) }
```

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

```
.background{ background-color: rgb(128,  
215, 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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