

Converting Colors

YUV(190.5350, 28.3302,
-80.2762)

Have a look what the booklet for
YUV(190.5350, 28.3302, -80.2762)
contains.

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Color

**YUV(190.5350, 28.3302,
-80.2762)**

Conversions

Conversions Part 1

Format	Color
Hex	63E2F8
RGB	99, 226, 248
RGB Percent	39%, 89%, 97%
CMY	0.6118, 0.1137, 0.0275
CMYK	0.60, 0.09, 0.00, 0.03
HSL	189°, 91%, 68%
HSV	189°, 60%, 97%
XYZ	49.2852, 63.8227, 98.5283
YIQ	190.5350, -82.7540, -20.0820

Conversions

Conversions Part 2

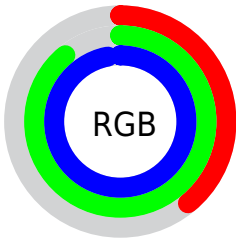
Format	Color
R_{YB}	99, 168, 248
Decimal	6546168
CIE _{Lab}	83.87, -28.79, -21.25
CIE _{LCh}	84, 35.788, 216.430
Yxy	63.8227, 0.2329, 0.3016
Android (android.graphics.Color)	4284736248 (0xFF63E2F8)
YUV	190.5350, 28.3302, -80.2762
Hunter-Lab	79.8891, -29.6856, -17.2008

Details

The YUV color **190.5350, 28.3302, -80.2762** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **156.4650, -28.3302, 80.2762**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1930, 13.7089, -57.1743**, and **121.6780, 34.6687, -106.7116** is the 20% darker color. If you saturate the color by 10%, you get **180.7120, 33.1730, -93.5864**, and if you desaturate by 10%, it is **200.3580, 23.4875, -66.9660**.

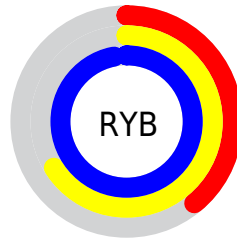
Distribution



Red (39%)

Green (89%)

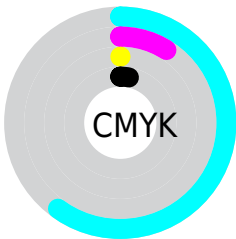
Blue (97%)



Red (39%)

Yellow (66%)

Blue (97%)

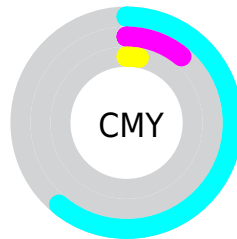


Cyan (60%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (61%)

Magenta (11%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.5350, 28.3302, -80.2762 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 190.5350, 28.3302, -80.2762 by changing the saturation by 10% instead.

190.5350, 28.3302,
-80.2762

190.5350, 28.3302,
-80.2762

255.0000, 0.0000,
0.0000

160.0290, 29.0727,
-85.0944

227.1930, 13.7089,
-57.1743

121.6780, 34.6687,
-106.7116

236.4620, 9.1392,
-38.1162

103.2240, 29.9626,
-90.5274

245.4320, 4.7170,
-19.6729

84.9980, 26.1300,
-74.5432

254.7010, 0.1474,
-0.6148

67.4730, 22.4448,
-59.1738

50.5350, 18.4702,
-44.3192

34.4120, 15.0799,

-30.1793

■ 18.9900, 11.8369,
-16.6542

■ 3.0950, 9.3202,
-2.7143

■ 190.5350, 28.3302,
-80.2762

■ 190.5350, 28.3302,
-80.2762

■ 180.7120, 33.1730,
-93.5864

■ 200.3580, 23.4875,
-66.9660

■ 171.4760, 37.7263,
-107.4115

■ 209.5940, 18.9342,
-53.1409

■ 161.9520, 42.4217,
-120.1069

■ 219.1180, 14.2388,
-40.4455

■ 152.1290, 47.2644,
-133.4171

■ 228.9410, 9.3961,
-27.1353

■ 238.1770, 4.8427,
-13.3102

■ 248.0000, 0.0000,
0.0000

■ 252.4410, -2.1894,
2.2442

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



192.1330, 11.2734, -69.3996



190.5350, 28.3302, -80.2762



196.1830, 28.9968, -60.6735

Triad

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



190.5350, 28.3302, -80.2762



213.6190, 11.5268, 36.2911



206.4450, -31.7714, 17.1497

Complementary

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



190.5350, 28.3302, -80.2762



156.4650, -28.3302, 80.2762

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.



209.3430, -30.2421, 40.0412



190.5350, 28.3302, -80.2762



207.3950, -2.1667, 41.7496

Square

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



190.5350, 28.3302, -80.2762



211.9730, 21.2123, 9.6707



206.0950, -17.3018, 42.8897



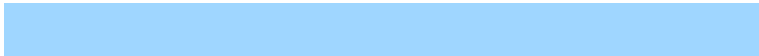
202.6200, -23.9697, -11.9447

Rectangle

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



190.5350, 28.3302, -80.2762



202.2290, 26.0161, -37.9118



206.0950, -17.3018, 42.8897



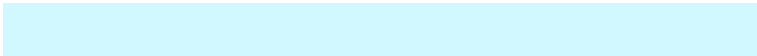
207.9730, -32.5247, 25.4567

Sweetspot

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



190.5350, 28.3302, -80.2762



237.1370, 8.8065, -24.6761



188.7430, -34.3833, -78.7046



116.3940, 5.7218, -15.2545



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.



190.5350, 28.3302, -80.2762



184.1350, 34.9364, -99.2194



148.2710, 49.1664, -43.2107



119.9390, 2.4951, -6.9625



116.0530, 35.9629, -101.7785



37.4780, 11.5963, -32.8682

Inverse Universe

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



158.0290, 33.5097, 78.9046



143.9140, 41.4544, 97.4224



198.7290, -49.1664, 43.2107



117.1410, 2.8885, 6.8923



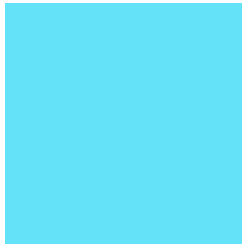
74.8650, 42.4646, 100.0964



24.1670, 13.7217, 32.3025

Previews

White Background



This preview shows how the YUV color 190.5350, 28.3302, -80.2762 looks on a white background.

Color Contrast Check

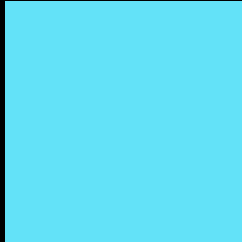
Large Text (above 18pt) WCAG AA × Fail

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 190.5350, 28.3302, -80.2762 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 190.5350, 28.3302, -80.2762 Background



This preview shows how black text looks on a background with the YUV color 190.5350, 28.3302, -80.2762.



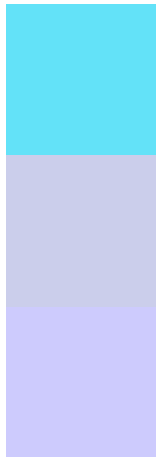
This preview shows how white text looks on a background with the YUV color 190.5350, 28.3302, -80.2762.

-80.2762.

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

190.5350, 28.3302, -80.2762

Protanopia

208.4090, 13.1094, -4.7437

Deuteranopia

209.2980, 21.5451, -3.7693



Tritanopia

190.4810, 26.8779, -81.1058

Trichromacy



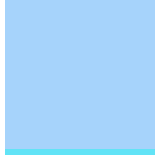
Original Color

190.5350, 28.3302, -80.2762



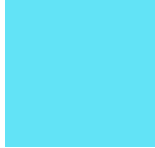
Protanomaly

201.7260, 18.8691, -32.2087



Deuteranomaly

202.1050, 24.1052, -31.6641



Tritanomaly

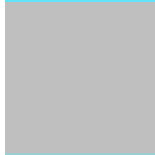
190.5950, 27.3147, -81.2058

Monochromacy



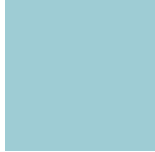
Original Color

190.5350, 28.3302, -80.2762



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.1580, 10.2751, -29.0796

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.5350, 28.3302, -80.2762 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(99, 226, 248)` looks like.

```
.text, #text, p{  
    color:rgb(99, 226, 248)  
}
```

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(99, 226, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 226, 248) }
```

Border

The CSS property to change the border of an element to YUV 190.5350, 28.3302, -80.2762 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(99, 226, 248) }
```


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

```
.border{ border-color:rgb(99, 226, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 226, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 226, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 226, 248);  
box-shadow:4px 4px 4px 4px rgb(99, 226,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 190.5350, 28.3302, -80.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 226, 248) }
```

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

```
.background{ background-color: rgb(99, 226,  
248) }
```

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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