

Converting Colors

YUV(190.9280, 22.2205,
-80.6209)

Have a look what the booklet for
YUV(190.9280, 22.2205, -80.6209)
contains.

YUV(190.9280, 22.2205, -80.6209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(190.9280, 22.2205,
-80.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	63E5EC
RGB	99, 229, 236
RGB Percent	39%, 90%, 93%
CMY	0.6118, 0.1020, 0.0745
CMYK	0.58, 0.03, 0.00, 0.07
HSL	183°, 78%, 66%
HSV	183°, 58%, 93%
XYZ	48.3052, 64.7474, 89.3084
YIQ	190.9280, -79.7270, -25.3830

Conversions

Conversions Part 2

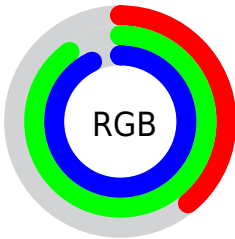
Format	Color
R_{YB}	99, 166, 236
Decimal	6546924
CIE _{Lab}	84.35, -33.54, -14.19
CIE _{LCh}	84, 36.422, 202.933
Yxy	64.7474, 0.2387, 0.3200
Android (android.graphics.Color)	4284737004 (0xFF63E5EC)
YUV	190.9280, 22.2205, -80.6209
Hunter-Lab	80.4658, -33.6579, -9.4795

Details

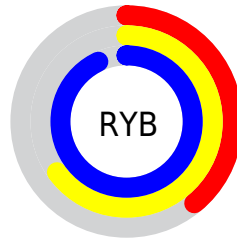
The YUV color **190.9280, 22.2205, -80.6209** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **144.0720, -22.2205, 80.6209**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8940, 13.8563, -57.7890**, and **123.5660, 27.8220, -103.9824** is the 20% darker color. If you saturate the color by 10%, you get **183.1650, 26.0477, -94.8607**, and if you desaturate by 10%, it is **198.6910, 18.3933, -66.3810**.

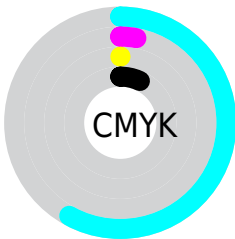
Distribution



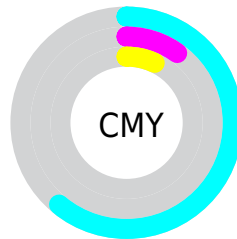
- Red (39%)
- Green (90%)
- Blue (93%)



- Red (39%)
- Yellow (65%)
- Blue (93%)



- Cyan (58%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (61%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.9280, 22.2205, -80.6209 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 190.9280, 22.2205, -80.6209 by changing the saturation by 10% instead.

190.9280, 22.2205,
-80.6209

190.9280, 22.2205,
-80.6209

255.0000, 0.0000,
0.0000

160.8350, 23.2523,
-84.9243

226.8940, 13.8563,
-57.7890

123.5660, 27.8220,
-103.9824

236.1630, 9.2866,
-38.7310

103.1440, 24.5790,
-90.4573

245.1330, 4.8644,
-20.2876

85.0320, 21.1832,
-74.5731

254.4020, 0.2948,
-1.2296

67.3930, 17.0613,
-59.1037

49.9820, 13.8129,
-43.8342

33.9730, 10.8593,

-29.7943

■ 18.5510, 7.6164,
-16.2692

■ 1.2540, 4.8048,
-1.0998

■ 190.9280, 22.2205,
-80.6209

■ 190.9280, 22.2205,
-80.6209

■ 183.1650, 26.0477,
-94.8607

■ 198.6910, 18.3933,
-66.3810

■ 175.7010, 29.7274,
-108.4858

■ 206.1550, 14.7136,
-52.7559

■ 167.3510, 33.8440,
-122.2108

■ 214.5050, 10.5970,
-39.0309

■ 159.8870, 37.5237,
-135.8359

■ 221.9690, 6.9173,
-25.4058

■ 158.3920, 38.2607,
-138.9098

■ 229.7320, 3.0901,
-11.1660

■ 237.4950, -0.7370,
3.0739

■ 242.2680, -3.0901,
11.1660

■ 243.4420, -3.6689,
10.1364

■ 244.0290, -3.9583,
9.6216

Harmonies

Analogous

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



195.6090, 2.6578, -59.2931



190.9280, 22.2205, -80.6209



193.4370, 30.3506, -74.9282

Triad

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



190.9280, 22.2205, -80.6209



215.5730, 17.9585, 26.6845



209.4680, -33.2617, 28.5306

Complementary

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



190.9280, 22.2205, -80.6209



144.0720, -22.2205, 80.6209

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.



208.0210, -25.1534, 41.2006



190.9280, 22.2205, -80.6209



209.9200, 4.9694, 39.5352

Square

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



190.9280, 22.2205, -80.6209



210.4010, 21.9873, -5.6137



206.5170, -10.6079, 42.5196



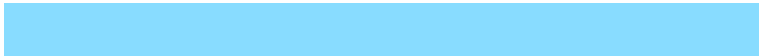
205.9160, -29.5386, 0.9507

Rectangle

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



190.9280, 22.2205, -80.6209



198.8740, 27.6701, -55.1405



206.5170, -10.6079, 42.5196



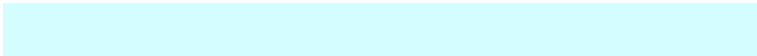
210.4520, -32.2678, 36.4376

Sweetspot

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



190.9280, 22.2205, -80.6209



240.9690, 6.9173, -25.4058



180.2170, -36.5890, -71.2273



119.0520, 4.4114, -14.9546



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.



190.9280, 22.2205, -80.6209



196.4950, 28.8430, -104.7971



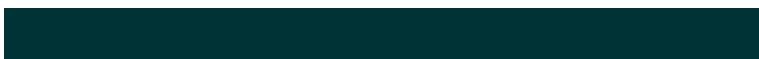
151.0120, 41.8991, -45.6145



113.7110, 1.6215, -6.7625



121.5980, 29.2852, -106.6414



36.0930, 8.8282, -31.6536

Inverse Universe

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



154.7830, 36.5890, 71.2273



149.4880, 47.5804, 92.5340



183.9880, -41.8991, 45.6145



110.5430, 3.1833, 5.6628



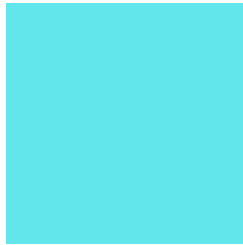
73.7270, 48.4486, 94.0784



21.9600, 14.3167, 28.0991

Previews

White Background



This preview shows how the YUV color 190.9280, 22.2205, -80.6209 looks on a white background.

Color Contrast Check

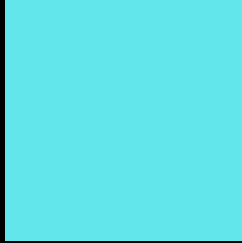
Large Text (above 18pt) WCAG AA × Fail

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 190.9280, 22.2205, -80.6209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

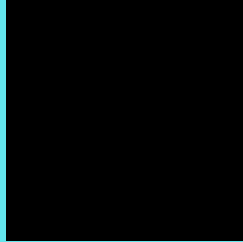
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.9280, 22.2205, -80.6209

Background



This preview shows how black text looks on a background with the YUV color 190.9280, 22.2205, -80.6209.

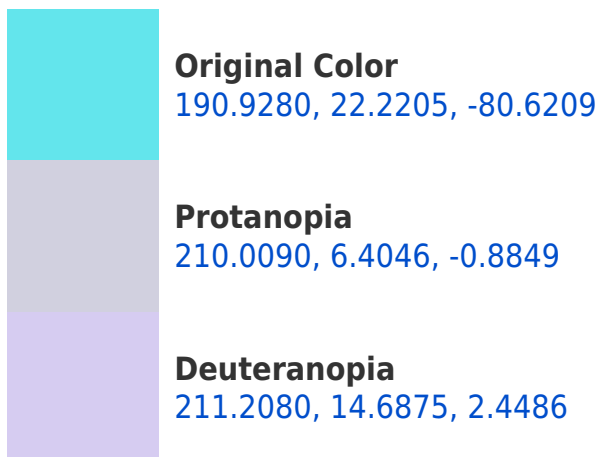


This preview shows how white text looks on a background with the YUV color 190.9280, 22.2205, -80.6209.

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





Tritanopia

192.0900, 26.5776, -78.1319

Trichromacy



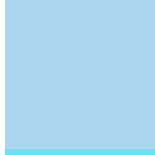
Original Color

190.9280, 22.2205, -80.6209



Protanomaly

203.3150, 12.1697, -30.0943



Deuteranomaly

203.7050, 17.4004, -27.8053



Tritanomaly

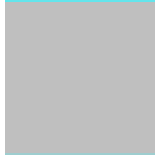
191.9220, 24.6885, -78.8616

Monochromacy



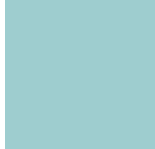
Original Color

190.9280, 22.2205, -80.6209



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.1750, 7.8017, -29.0945

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.9280, 22.2205, -80.6209 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, 229, 236)` looks like.

```
.text, #text, p{  
    color:rgb(99, 229, 236)  
}
```

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, 229, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 229, 236) }
```

Border

The CSS property to change the border of an element to YUV 190.9280, 22.2205, -80.6209 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, 229, 236) }
```


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

```
.border{ border-color:rgb(99, 229, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 229, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 229, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 229, 236);  
box-shadow:4px 4px 4px 4px rgb(99, 229,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 190.9280, 22.2205, -80.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 229, 236) }
```

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

```
.background{ background-color: rgb(99, 229,  
236) }
```

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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