

Converting Colors

YUV(192.8080, 27.7027,
-65.6066)

Have a look what the booklet for
YUV(192.8080, 27.7027, -65.6066)
contains.

YUV(192.8080, 27.7027, -65.6066)	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(192.8080, 27.7027,
-65.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	76DCF9
RGB	118, 220, 249
RGB Percent	46%, 86%, 98%
CMY	0.5373, 0.1373, 0.0235
CMYK	0.53, 0.12, 0.00, 0.02
HSL	193°, 92%, 72%
HSV	193°, 53%, 98%
XYZ	50.1633, 61.8775, 98.9222
YIQ	192.8080, -70.1010, -12.6050

Conversions

Conversions Part 2

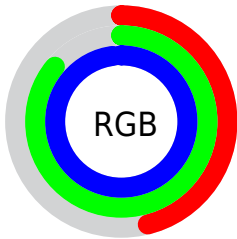
Format	Color
RYB	118, 175, 249
Decimal	7789817
CIELab	82.85, -22.00, -23.28
CIELCh	83, 32.031, 226.611
Yxy	61.8775, 0.2378, 0.2933
Android (android.graphics.Color)	4285979897 (0xFF76DCF9)
YUV	192.8080, 27.7027, -65.6066
Hunter-Lab	78.6623, -23.8286, -19.4969

Details

The YUV color **192.8080, 27.7027, -65.6066** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **174.1920, -27.7027, 65.6066**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.9770, 11.3503, -47.3378**, and **134.4050, 28.8873, -72.2692** is the 20% darker color. If you saturate the color by 10%, you get **181.8110, 33.1242, -77.8872**, and if you desaturate by 10%, it is **203.8050, 22.2811, -53.3260**.

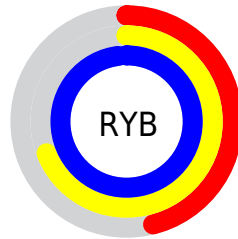
Distribution



Red (46%)

Green (86%)

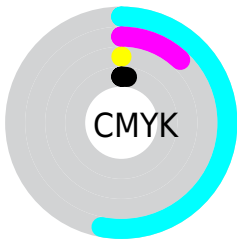
Blue (98%)



Red (46%)

Yellow (69%)

Blue (98%)

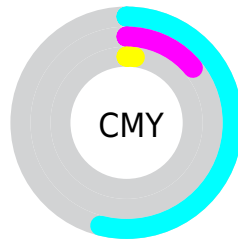


Cyan (53%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (54%)

Magenta (14%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.8080, 27.7027, -65.6066 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 192.8080, 27.7027, -65.6066 by changing the saturation by 10% instead.

■ 192.8080, 27.7027,
-65.6066

■ 192.8080, 27.7027,
-65.6066

■ 255.0000, 0.0000,
0.0000

■ 163.7970, 27.7081,
-67.3510

■ 231.9770, 11.3503,
-47.3378

■ 134.4050, 28.8873,
-72.2692

■ 240.9470, 6.9281,
-28.8945

■ 99.8160, 32.1357,
-87.5386

■ 249.9170, 2.5059,
-10.4512

■ 82.1770, 28.0137,
-72.0692

■ 64.5380, 23.8918,
-56.5998

■ 47.7140, 20.3540,
-41.8452

■ 32.0640, 16.2374,

-28.1201

■ 16.6420, 12.9945,
-14.5950

■ 3.0950, 9.3202,
-2.7143

■ 192.8080, 27.7027,
-65.6066

■ 192.8080, 27.7027,
-65.6066

■ 181.8110, 33.1242,
-77.8872

■ 203.8050, 22.2811,
-53.3260

■ 171.4010, 38.2563,
-90.6827

■ 214.2150, 17.1490,
-40.5306

■ 160.4040, 43.6778,
-102.9633

■ 225.2120, 11.7275,
-28.2499

■ 149.9940, 48.8100,
-115.7587

■ 235.6220, 6.5954,
-15.4545

■ 142.2640, 52.6208,
-124.7655

■ 246.6190, 1.1738,
-3.1739

■ 253.1420, -2.0420,
1.6295

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

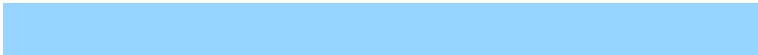
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191.1920, 15.1883, -65.0664



192.8080, 27.7027, -65.6066



198.6520, 27.7796, -43.5448

Triad

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



192.8080, 27.7027, -65.6066



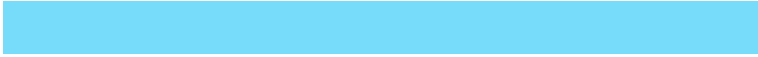
210.6210, 5.1168, 38.9204



203.2310, -27.2289, 6.8134

Complementary

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



192.8080, 27.7027, -65.6066



174.1920, -27.7027, 65.6066

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.



206.0320, -28.6098, 29.7899



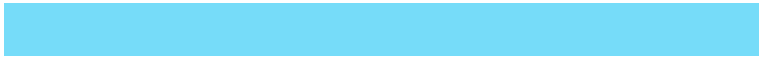
192.8080, 27.7027, -65.6066



206.5000, -8.1345, 42.5345

Square

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



192.8080, 27.7027, -65.6066



210.6320, 18.4224, 17.8627



206.4710, -20.9382, 42.5599



199.5850, -17.5434, -19.8070

Rectangle

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



192.8080, 27.7027, -65.6066



203.8010, 25.2411, -22.6275



206.4710, -20.9382, 42.5599



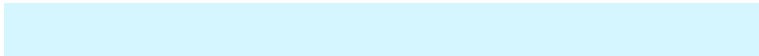
203.6450, -28.4190, 15.2203

Sweetspot

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



192.8080, 27.7027, -65.6066



237.4580, 8.6482, -20.5727



198.0890, -25.6799, -70.2381



117.0030, 5.4215, -12.2806



0.0000, 0.0000, 0.0000



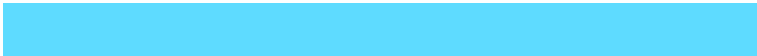
128.0000, 0.0000, 0.0000

Same Dimension

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



192.8080, 27.7027, -65.6066



185.7290, 34.1506, -80.4463



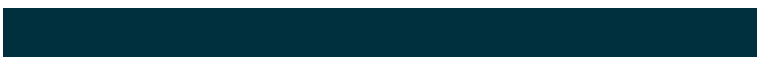
154.6530, 46.5131, -32.1447



119.3520, 2.7845, -6.4477



107.8350, 40.0143, -94.5713



35.1300, 12.7539, -30.8090

Inverse Universe

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



168.7970, 25.2431, 70.3380



156.3890, 30.8672, 86.4818



212.3470, -46.5131, 32.1447



117.0270, 2.4517, 6.9923



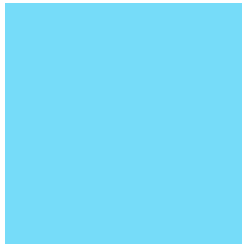
73.2690, 36.3494, 101.4961



23.7110, 11.9745, 32.7025

Previews

White Background



This preview shows how the YUV color 192.8080, 27.7027, -65.6066 looks on a white background.

Color Contrast Check

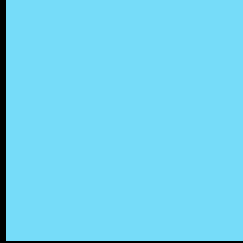
Large Text (above 18pt) WCAG AA × Fail

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 192.8080, 27.7027, -65.6066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

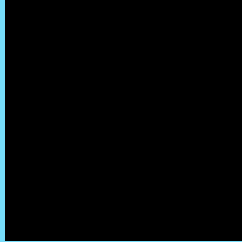
Any Text WCAG AA ✓ Pass

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 192.8080, 27.7027, -65.6066 Background



This preview shows how black text looks on a background with the YUV color 192.8080, 27.7027, -65.6066.



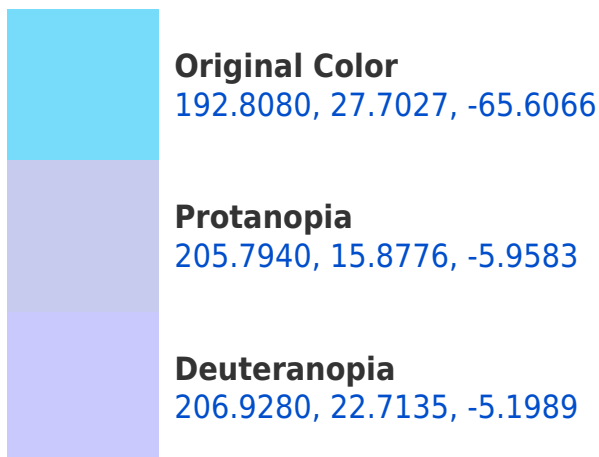
This preview shows how white text looks on a background with the YUV color 192.8080, 27.7027, -65.6066.

-65.6066.

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

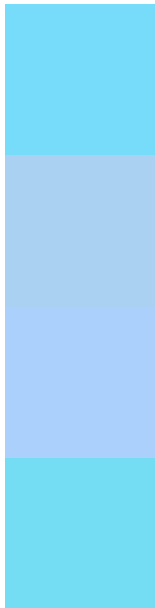




Tritanopia

191.9450, 23.1981, -67.4808

Trichromacy



Original Color

192.8080, 27.7027, -65.6066

Protanomaly

201.1010, 20.1632, -27.2756

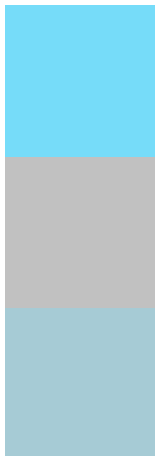
Deuteranomaly

201.9530, 24.6732, -27.1458

Tritanomaly

192.1130, 25.0873, -66.7511

Monochromacy



Original Color

192.8080, 27.7027, -65.6066

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.0770, 9.8220, -23.7465

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.8080, 27.7027, -65.6066 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(118, 220, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 220, 249) }
```

Border

The CSS property to change the border of an element to YUV 192.8080, 27.7027, -65.6066 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, 249) }
```


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

```
.border{ border-color:rgb(118, 220, 249) }
```

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, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 220, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 220, 249);  
box-shadow:4px 4px 4px 4px rgb(118, 220,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 192.8080, 27.7027, -65.6066 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, 249) }
```

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

```
.background{ background-color: rgb(118,  
220, 249) }
```

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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