

Converting Colors

YUV(176.6830, 27.2713,
-67.2510)

Have a look what the booklet for
YUV(176.6830, 27.2713, -67.2510)
contains.

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Color

**YUV(176.6830, 27.2713,
-67.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	64CDE8
RGB	100, 205, 232
RGB Percent	39%, 80%, 91%
CMY	0.6078, 0.1961, 0.0902
CMYK	0.57, 0.12, 0.00, 0.09
HSL	192°, 74%, 65%
HSV	192°, 57%, 91%
XYZ	41.6523, 52.1982, 84.2239
YIQ	176.6830, -71.2470, -13.8630

Conversions

Conversions Part 2

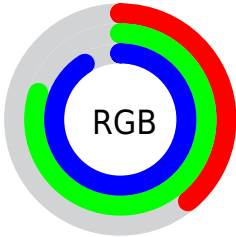
Format	Color
RYB	100, 158, 232
Decimal	6606312
CIELab	77.40, -22.80, -22.56
CIElCh	77, 32.073, 224.698
Yxy	52.1982, 0.2339, 0.2931
Android (android.graphics.Color)	4284796392 (0xFF64CDE8)
YUV	176.6830, 27.2713, -67.2510
Hunter-Lab	72.2483, -23.5263, -18.5439

Details

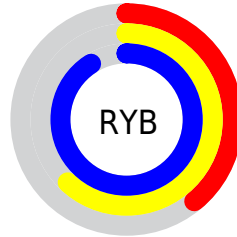
The YUV color **176.6830, 27.2713, -67.2510** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **155.3170, -27.2713, 67.2510**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5950, 14.0037, -58.4038**, and **115.8770, 29.6406, -80.5761** is the 20% darker color. If you saturate the color by 10%, you get **166.8710, 32.1086, -78.8169**, and if you desaturate by 10%, it is **186.4950, 22.4340, -55.6851**.

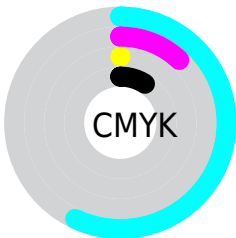
Distribution



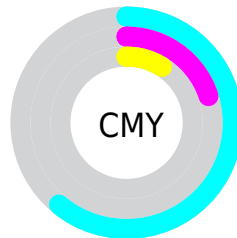
- Red (39%)
- Green (80%)
- Blue (91%)



- Red (39%)
- Yellow (62%)
- Blue (91%)



- Cyan (57%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (61%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.6830, 27.2713, -67.2510 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 176.6830, 27.2713, -67.2510 by changing the saturation by 10% instead.

■ 176.6830, 27.2713,
-67.2510

■ 176.6830, 27.2713,
-67.2510

255.0000, 0.0000,
0.0000

■ 147.1880, 28.0083,
-70.3249

■ 226.5950, 14.0037,
-58.4038

■ 115.8770, 29.6406,
-80.5761

■ 235.5650, 9.5815,
-39.9605

■ 90.4750, 29.3458,
-79.3466

■ 244.5350, 5.1592,
-21.5172

■ 72.2490, 25.5132,
-63.3624

■ 253.8040, 0.5896,
-2.4591

■ 55.3110, 21.5387,
-48.5077

■ 39.0740, 17.7115,
-34.2679

■ 24.7120, 13.4530,

-21.6724

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 176.6830, 27.2713,
-67.2510

■ 176.6830, 27.2713,
-67.2510

■ 166.8710, 32.1086,
-78.8169

■ 186.4950, 22.4340,
-55.6851

■ 157.6460, 36.6565,
-90.8975

■ 195.7200, 17.8860,
-43.6044

■ 147.5350, 41.6412,
-103.0782

■ 205.8310, 12.9013,
-31.4238

■ 137.7230, 46.4786,
-114.6441

■ 215.6430, 8.0640,
-19.8579

■ 135.0430, 47.7998,
-118.4327

■ 225.4550, 3.2267,
-8.2920

■ 234.6800, -1.3212,
3.7886

■ 242.3990, -5.1267,
11.0511

■ 245.3340, -6.5737,
8.4771

■ 248.2690, -8.0206,
5.9031

Harmonies

Analogous

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



175.9640, 14.3147, -64.8664



176.6830, 27.2713, -67.2510



184.2540, 31.4268, -46.7038

Triad

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



176.6830, 27.2713, -67.2510



195.8490, 5.9904, 38.7204



187.9430, -27.0869, 7.9430

Complementary

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



176.6830, 27.2713, -67.2510



155.3170, -27.2713, 67.2510

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.



190.8580, -28.0310, 30.8195



176.6830, 27.2713, -67.2510



194.4300, -8.5930, 49.6119

Square

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



176.6830, 27.2713, -67.2510



195.7350, 18.8646, 16.0184



193.1940, -20.8016, 45.4339



184.4820, -17.9856, -17.9627

Rectangle

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



176.6830, 27.2713, -67.2510



189.0440, 30.0513, -25.4716



193.1940, -20.8016, 45.4339



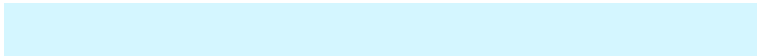
189.3570, -28.2770, 16.3499

Sweetspot

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



176.6830, 27.2713, -67.2510



236.8600, 8.9430, -21.8022



180.4480, -26.8429, -70.5529



116.7040, 5.5689, -12.8954



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.



176.6830, 27.2713, -67.2510



182.7280, 35.6301, -88.3385



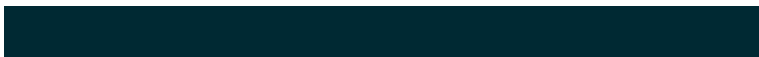
138.5280, 46.0817, -33.7891



109.6510, 2.6371, -5.8329



103.7600, 37.0933, -90.9975



29.8810, 10.4117, -26.2056

Inverse Universe

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



151.4380, 26.4061, 70.6529



149.4590, 34.7767, 92.5595



193.4720, -46.0817, 33.7891



107.6140, 2.1623, 6.4775



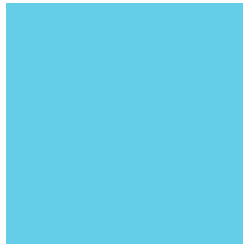
69.7090, 35.6395, 95.8482



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 176.6830, 27.2713, -67.2510 looks on a white background.

Color Contrast Check

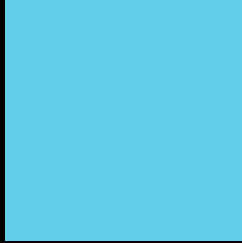
Large Text (above 18pt) WCAG AA × Fail

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 176.6830, 27.2713, -67.2510 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 176.6830, 27.2713, -67.2510 Background



This preview shows how black text looks on a background with the YUV color 176.6830, 27.2713, -67.2510.



This preview shows how white text looks on a background with the YUV color 176.6830, 27.2713, -67.2510.

-67.2510.

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

176.6830, 27.2713, -67.2510

Protanopia

190.5660, 15.0040, -5.7584

Deuteranopia

191.4010, 21.9873, -5.6137



Tritanopia

175.0480, 23.6403, -69.3251

Trichromacy



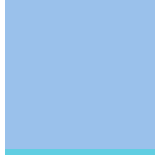
Original Color

176.6830, 27.2713, -67.2510



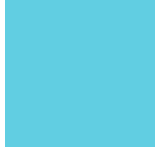
Protanomaly

185.2750, 19.5844, -28.3052



Deuteranomaly

186.1270, 24.0944, -28.1754



Tritanomaly

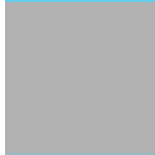
175.6890, 24.8033, -69.0103

Monochromacy



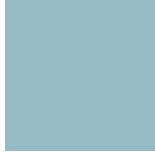
Original Color

176.6830, 27.2713, -67.2510



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.7780, 9.9694, -24.3613

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.6830, 27.2713, -67.2510 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(100, 205, 232)` looks like.

```
.text, #text, p{  
    color:rgb(100, 205, 232)  
}
```

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(100, 205, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 205, 232) }
```

Border

The CSS property to change the border of an element to YUV 176.6830, 27.2713, -67.2510 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(100, 205, 232) }
```


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

```
.border{ border-color:rgb(100, 205, 232) }
```

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

Here you see how a box with a 4 pixel rgb(100, 205, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 205, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 205, 232);  
box-shadow:4px 4px 4px 4px rgb(100, 205,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 176.6830, 27.2713, -67.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 205, 232) }
```

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

```
.background{ background-color: rgb(100,  
205, 232) }
```

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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