

Converting Colors

YUV(176.2670, 31.4204,
-91.4422)

Have a look what the booklet for
YUV(176.2670, 31.4204, -91.4422)
contains.

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Color

**YUV(176.2670, 31.4204,
-91.4422)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 48D9F0 |
| RGB | 72, 217, 240 |
| RGB Percent | 28%, 85%, 94% |
| CMY | 0.7176, 0.1490, 0.0588 |
| CMYK | 0.70, 0.10, 0.00, 0.06 |
| HSL | 188°, 85%, 61% |
| HSV | 188°, 70%, 94% |
| XYZ | 43.2135, 57.2947, 91.2195 |
| YIQ | 176.2670, -93.8030, -23.5870 |

Conversions

Conversions Part 2

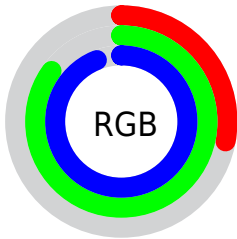
| Format | Color |
|-------------------------------------|---|
| RYB | 72, 150, 240 |
| Decimal | 4774384 |
| CIELab | 80.35, -30.81, -22.43 |
| CIElCh | 80, 38.109, 216.054 |
| Yxy | 57.2947, 0.2254, 0.2988 |
| Android (android.graphics.Color) | 4282964464 (0xFF48D9F0) |
| YUV | 176.2670, 31.4204, -91.4422 |
| Hunter-Lab | 75.6933, -30.5570, -18.4663 |

Details

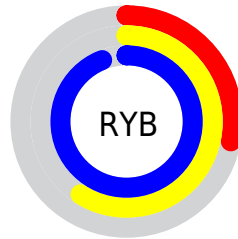
The YUV color **176.2670, 31.4204, -91.4422** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light washed cyan. A complement of this color would be **135.7330, -31.4204, 91.4422**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9140, 16.8044, -70.0846**, and **116.0700, 33.4895, -101.7934** is the 20% darker color. If you saturate the color by 10%, you get **167.3300, 35.8263, -104.6524**, and if you desaturate by 10%, it is **185.2040, 27.0144, -78.2319**.

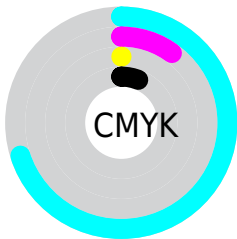
Distribution



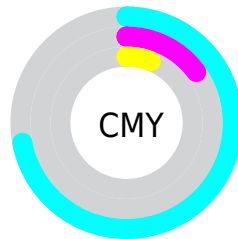
- Red (28%)
- Green (85%)
- Blue (94%)



- Red (28%)
- Yellow (59%)
- Blue (94%)



- Cyan (70%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (72%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2670, 31.4204, -91.4422 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 176.2670, 31.4204, -91.4422 by changing the saturation by 10% instead.

176.2670, 31.4204,
-91.4422

176.2670, 31.4204,
-91.4422

255.0000, 0.0000,
0.0000

139.8950, 35.5478,
-108.6559

220.9140, 16.8044,
-70.0846

116.0700, 33.4895,
-101.7934

230.1830, 12.2348,
-51.0265

97.1430, 29.5095,
-85.1944

239.7510, 7.5178,
-31.3536

78.9170, 25.6769,
-69.2102

249.0200, 2.9481,
-12.2955

61.9790, 21.7024,
-54.3556

45.0410, 17.7278,
-39.5010

29.5050, 14.0480,

-25.8759

■ 7.1530, 14.7146,
-6.2732

■ 2.1830, 5.8258,
-1.9145

■ 176.2670, 31.4204,
-91.4422

■ 176.2670, 31.4204,
-91.4422

■ 167.3300, 35.8263,
-104.6524

■ 185.2040, 27.0144,
-78.2319

■ 157.8060, 40.5216,
-117.3479

■ 194.7280, 22.3191,
-65.5365

■ 148.8690, 44.9276,
-130.5581

■ 203.6650, 17.9132,
-52.3262

■ 212.6020, 13.5072,
-39.1160

■ 221.5390, 9.1013,
-25.9057

■ 231.0630, 4.4059,
-13.2103

■ 240.0000, 0.0000,
0.0000

■ 246.2460, -3.0793,
7.6773

■ 248.5940, -4.2368,
5.6181

Harmonies

Analogous

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



179.8440, 12.8949, -76.1622



176.2670, 31.4204, -91.4422



184.6210, 34.6968, -68.9506

Triad

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



176.2670, 31.4204, -91.4422



204.1680, 12.2422, 40.1947



195.9890, -33.5186, 17.5496

Complementary

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



176.2670, 31.4204, -91.4422



135.7330, -31.4204, 91.4422

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.



199.3110, -31.7053, 42.7003



176.2670, 31.4204, -91.4422



199.2110, -3.0620, 48.9270

Square

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



176.2670, 31.4204, -91.4422



203.1130, 25.5803, 8.6709



198.2700, -19.3601, 49.7522



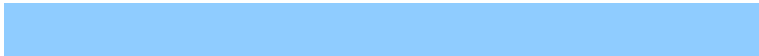
192.5660, -25.4220, -12.7744

Rectangle

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



176.2670, 31.4204, -91.4422



191.5750, 31.2685, -42.6003



198.2700, -19.3601, 49.7522



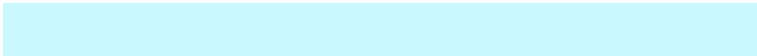
197.8160, -34.4193, 26.4714

Sweetspot

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



176.2670, 31.4204, -91.4422



234.7450, 9.9857, -29.5944



173.1240, -39.0081, -88.6857



115.4970, 6.1640, -17.0989



0.0000, 0.0000, 0.0000



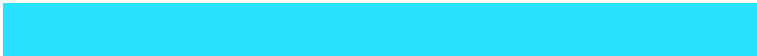
128.0000, 0.0000, 0.0000

Same Dimension

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



176.2670, 31.4204, -91.4422



173.9910, 39.9374, -116.6331



127.5460, 55.4398, -48.7138



115.2380, 2.3477, -6.3477



113.7220, 34.6471, -99.7342



34.5600, 10.5699, -30.3091

Inverse Universe

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



138.7620, 38.5713, 88.7857



126.0760, 49.2625, 113.0663



184.4540, -55.4398, 48.7138



112.7280, 2.5991, 6.3775



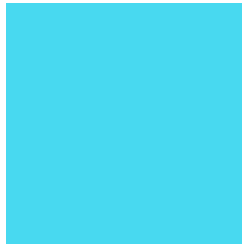
73.0280, 41.8912, 97.3224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 176.2670, 31.4204, -91.4422 looks on a white background.

Color Contrast Check

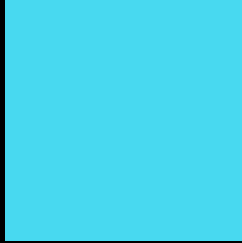
Large Text (above 18pt) WCAG AA × Fail

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 176.2670, 31.4204, -91.4422 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 176.2670, 31.4204, -91.4422 Background



This preview shows how black text looks on a background with the YUV color 176.2670, 31.4204, -91.4422.



This preview shows how white text looks on a background with the YUV color 176.2670, 31.4204, -91.4422.

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

176.2670, 31.4204, -91.4422

Protanopia

198.5230, 13.5462, -4.8437

Deuteranopia

199.5150, 22.4241, -5.7137



Tritanopia

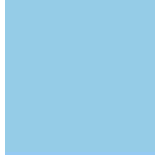
175.3870, 29.3892, -93.3014

Trichromacy



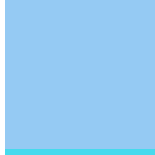
Original Color

176.2670, 31.4204, -91.4422



Protanomaly

190.6330, 19.9009, -36.5121



Deuteranomaly

190.8270, 25.7213, -36.6823



Tritanomaly

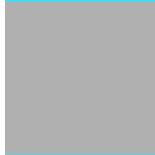
175.9140, 30.1154, -92.8866

Monochromacy



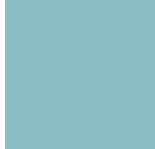
Original Color

176.2670, 31.4204, -91.4422



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.0650, 11.3070, -33.3830

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2670, 31.4204, -91.4422 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(72, 217, 240)` looks like.

```
.text, #text, p{  
    color:rgb(72, 217, 240)  
}
```

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(72, 217, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 217, 240) }
```

Border

The CSS property to change the border of an element to YUV 176.2670, 31.4204, -91.4422 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(72, 217, 240) }
```


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

```
.border{ border-color:rgb(72, 217, 240) }
```

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

Here you see how a box with a 4 pixel rgb(72, 217, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 217, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 217, 240);  
box-shadow:4px 4px 4px 4px rgb(72, 217,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 176.2670, 31.4204, -91.4422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 217, 240) }
```

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

```
.background{ background-color: rgb(72, 217,  
240) }
```

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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