

Converting Colors

YUV(176.2490, 28.9642,
-50.2074)

Have a look what the booklet for
YUV(176.2490, 28.9642, -50.2074)
contains.

YUV(176.2490, 28.9642, -50.2074)	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(176.2490, 28.9642,
-50.2074)**

Conversions

Conversions Part 1

Format	Color
Hex	77C2EB
RGB	119, 194, 235
RGB Percent	47%, 76%, 92%
CMY	0.5333, 0.2392, 0.0784
CMYK	0.49, 0.17, 0.00, 0.08
HSL	201°, 74%, 69%
HSV	201°, 49%, 92%
XYZ	41.8949, 48.5037, 85.7513
YIQ	176.2490, -57.8610, -3.1490

Conversions

Conversions Part 2

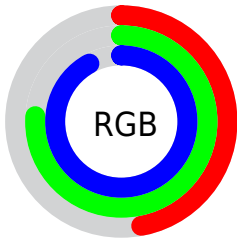
Format	Color
R _Y B	119, 165, 235
Decimal	7848683
CIE Lab	75.14, -12.33, -27.56
CIE LCh	75, 30.189, 245.891
Yxy	48.5037, 0.2378, 0.2754
Android (android.graphics.Color)	4286038763 (0xFF77C2EB)
YUV	176.2490, 28.9642, -50.2074
Hunter-Lab	69.6446, -14.5007, -24.2508

Details

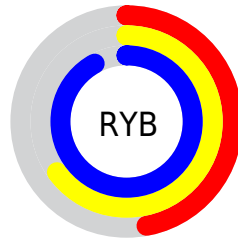
The YUV color **176.2490, 28.9642, -50.2074** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **177.7510, -28.9642, 50.2074**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.7430, 12.9447, -45.3786**, and **120.2270, 28.9751, -53.6961** is the 20% darker color. If you saturate the color by 10%, you get **164.6760, 34.6697, -60.2289**, and if you desaturate by 10%, it is **188.1210, 23.1113, -39.5711**.

Distribution



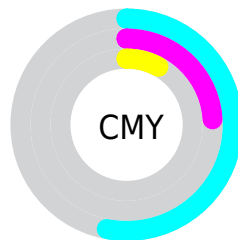
- Red (47%)
- Green (76%)
- Blue (92%)



- Red (47%)
- Yellow (65%)
- Blue (92%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (53%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2490, 28.9642, -50.2074 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 176.2490, 28.9642, -50.2074 by changing the saturation by 10% instead.

■ 176.2490, 28.9642,
-50.2074

■ 176.2490, 28.9642,
-50.2074

■ 255.0000, 0.0000,
0.0000

■ 148.5370, 28.8223,
-51.3369

■ 228.7430, 12.9447,
-45.3786

■ 120.2270, 28.9751,
-53.6961

■ 240.3490, 7.2229,
-30.1241

■ 90.2150, 30.4600,
-63.3326

■ 249.3190, 2.8007,
-11.6808

■ 67.1940, 28.9914,
-58.9291

■ 50.8430, 24.7274,
-44.5893

■ 35.1930, 20.6109,
-30.8643

■ 20.8310, 16.3523,

-18.2688

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 176.2490, 28.9642,
-50.2074

■ 176.2490, 28.9642,
-50.2074

■ 164.6760, 34.6697,
-60.2289

■ 188.1210, 23.1113,
-39.5711

■ 152.2170, 40.8120,
-70.3503

■ 200.2810, 17.1165,
-30.0644

■ 140.6440, 46.5175,
-80.3718

■ 211.8540, 11.4110,
-20.0430

■ 128.7720, 52.3704,
-91.0080

■ 223.7260, 5.5581,
-9.4067

■ 116.6120, 58.3653,
-100.5147

■ 235.8860, -0.4368,
0.1000

■ 116.0140, 58.6601,
-101.7443

■ 246.2630, -5.5527,
7.6623

■ 250.9590, -7.8678,
3.5440

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



171.1520, 22.6031, -63.2773



176.2490, 28.9642, -50.2074



183.4850, 27.8619, -23.2273

Triad

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



176.2490, 28.9642, -50.2074



188.5480, -4.2142, 45.1234



179.6680, -20.0493, -9.3558

Complementary

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



176.2490, 28.9642, -50.2074



177.7510, -28.9642, 50.2074

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.



182.9160, -26.0876, 14.1057



176.2490, 28.9642, -50.2074



187.6330, -16.5811, 45.0489

Square

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



176.2490, 28.9642, -50.2074



189.6030, 9.0697, 31.0432



185.6780, -24.9843, 33.6084



175.5430, -7.1697, -33.8022

Rectangle

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



176.2490, 28.9642, -50.2074



186.8790, 23.7237, -2.5249



185.6780, -24.9843, 33.6084



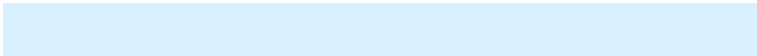
181.2130, -23.2760, -1.0638

Sweetspot

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



176.2490, 28.9642, -50.2074



235.4200, 9.6529, -16.1543



191.7660, -15.6606, -63.8158



115.8400, 5.9949, -9.5067



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.



176.2490, 28.9642, -50.2074



179.0390, 37.4488, -64.9322



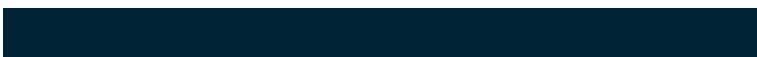
142.2030, 45.7489, -20.3490



111.3630, 2.7790, -4.7034



89.3130, 45.2017, -78.3275



26.7010, 13.4584, -23.4168

Inverse Universe

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



162.2340, 15.6606, 63.8158



160.9080, 20.2584, 82.5187



211.7970, -45.7489, 20.3490



110.0870, 1.4361, 6.0627



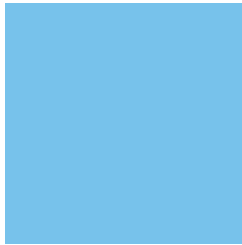
67.4570, 24.4247, 99.5772



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 176.2490, 28.9642, -50.2074 looks on a white background.

Color Contrast Check

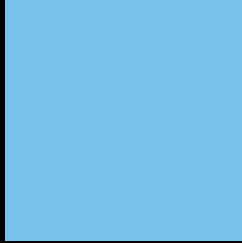
Large Text (above 18pt) WCAG AA × Fail

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 176.2490, 28.9642, -50.2074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

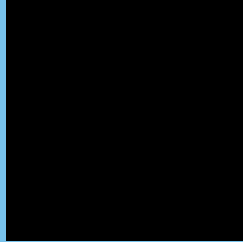
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.2490, 28.9642, -50.2074

Background



This preview shows how black text looks on a background with the YUV color 176.2490, 28.9642, -50.2074.



This preview shows how white text looks on a background with the YUV color 176.2490, 28.9642, -50.2074.

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

176.2490, 28.9642, -50.2074

Protanopia

184.7380, 20.8352, -9.4172

Deuteranopia

185.1060, 26.0767, -10.6170



Tritanopia

174.1100, 19.6658, -54.4705

Trichromacy



Original Color

176.2490, 28.9642, -50.2074

Protanomaly

181.4480, 23.9361, -24.0719

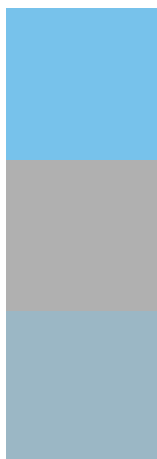
Deuteranomaly

181.9470, 27.1411, -25.3865

Tritanomaly

175.3320, 23.0073, -52.9112

Monochromacy



Original Color

176.2490, 28.9642, -50.2074

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.2240, 10.2426, -18.6134

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2490, 28.9642, -50.2074 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(119, 194, 235)` looks like.

```
.text, #text, p{  
    color:rgb(119, 194, 235)  
}
```

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(119, 194, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 194, 235) }
```

Border

The CSS property to change the border of an element to YUV 176.2490, 28.9642, -50.2074 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(119, 194, 235) }
```


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

```
.border{ border-color:rgb(119, 194, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 194, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 194, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 194, 235);  
box-shadow:4px 4px 4px 4px rgb(119, 194,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 176.2490, 28.9642, -50.2074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 194, 235) }
```

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

```
.background{ background-color: rgb(119,  
194, 235) }
```

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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