

Converting Colors

YUV(165.4880, 29.8324,
-48.6630)

Have a look what the booklet for
YUV(165.4880, 29.8324, -48.6630)
contains.

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Color

**YUV(165.4880, 29.8324,
-48.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB6E2
RGB	110, 182, 226
RGB Percent	43%, 71%, 89%
CMY	0.5686, 0.2863, 0.1137
CMYK	0.51, 0.19, 0.00, 0.11
HSL	203°, 67%, 66%
HSV	203°, 51%, 89%
XYZ	36.8858, 42.2619, 78.1648
YIQ	165.4880, -57.0360, -1.5800

Conversions

Conversions Part 2

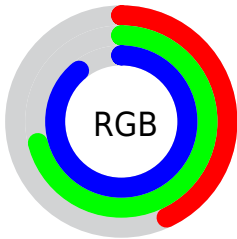
Format	Color
R _{YB}	110, 154, 226
Decimal	7255778
CIE Lab	71.05, -10.51, -28.99
CIE LCh	71, 30.839, 250.067
Yxy	42.2619, 0.2345, 0.2686
Android (android.graphics.Color)	4285445858 (0xFF6EB6E2)
YUV	165.4880, 29.8324, -48.6630
Hunter-Lab	65.0091, -12.4861, -25.7819

Details

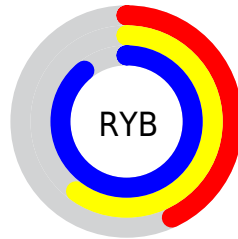
The YUV color **165.4880, 29.8324, -48.6630** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **170.5120, -29.8324, 48.6630**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0080, 17.7441, -44.7340**, and **109.8680, 30.1381, -53.3812** is the 20% darker color. If you saturate the color by 10%, you get **153.3280, 35.8273, -58.1697**, and if you desaturate by 10%, it is **177.6480, 23.8375, -39.1563**.

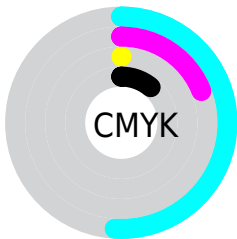
Distribution



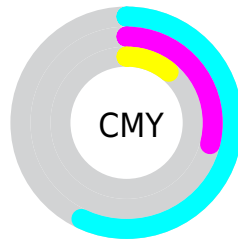
- Red (43%)
- Green (71%)
- Blue (89%)



- Red (43%)
- Yellow (60%)
- Blue (89%)



- Cyan (51%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4880, 29.8324, -48.6630 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 165.4880, 29.8324, -48.6630 by changing the saturation by 10% instead.

■ 165.4880, 29.8324,
-48.6630

■ 165.4880, 29.8324,
-48.6630

■ 255.0000, 0.0000,
0.0000

■ 137.7760, 29.6904,
-49.7926

■ 219.0080, 17.7441,
-44.7340

■ 109.8680, 30.1381,
-53.3812

■ 237.6580, 8.5496,
-35.6571

■ 77.4640, 32.8022,
-67.9359

■ 246.3290, 4.2748,
-17.8285

■ 60.4120, 28.3909,
-52.9813

■ 44.0610, 24.1269,
-38.6415

■ 28.9980, 19.7210,
-25.4312

■ 11.8150, 17.3462,

-10.3618

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 165.4880, 29.8324,
-48.6630

■ 165.4880, 29.8324,
-48.6630

■ 153.3280, 35.8273,
-58.1697

■ 177.6480, 23.8375,
-39.1563

■ 142.0540, 41.3854,
-67.5764

■ 188.9220, 18.2795,
-29.7496

■ 129.8940, 47.3803,
-77.0830

■ 201.0820, 12.2846,
-20.2429

■ 118.6200, 52.9383,
-86.4897

■ 212.3560, 6.7265,
-10.8362

■ 107.9440, 58.2016,
-94.6669

■ 224.5160, 0.7316,
-1.3295

■ 236.0890, -4.9739,
8.6919

■ 244.0630, -8.9051,
9.5917

■ 249.3460,
-11.5096, 4.9586

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



159.2980, 24.5031, -66.0363



165.4880, 29.8324, -48.6630



172.8060, 27.7036, -19.1239

Triad

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



165.4880, 29.8324, -48.6630



177.3910, -6.1088, 46.1381



167.9880, -18.7281, -13.1445

Complementary

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



165.4880, 29.8324, -48.6630



170.5120, -29.8324, 48.6630

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.



171.1930, -26.2241, 11.2317



165.4880, 29.8324, -48.6630



175.5790, -18.0334, 44.2192

Square

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



165.4880, 29.8324, -48.6630



177.9840, 7.8959, 34.2170



174.1400, -25.7050, 31.4492



163.7920, -4.8275, -38.4056

Rectangle

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



165.4880, 29.8324, -48.6630



176.5590, 22.4024, 1.2638



174.1400, -25.7050, 31.4492



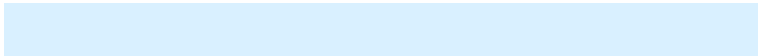
169.5330, -21.9548, -4.8524

Sweetspot

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



165.4880, 29.8324, -48.6630



234.8330, 9.9423, -15.6395



182.9940, -14.7870, -64.0157



115.8400, 5.9949, -9.5067



0.0000, 0.0000, 0.0000



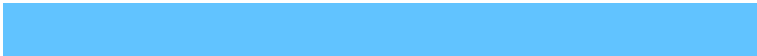
128.0000, 0.0000, 0.0000

Same Dimension

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



165.4880, 29.8324, -48.6630



172.5380, 40.6538, -66.2468



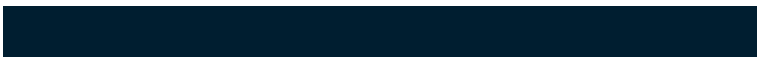
132.0290, 46.3277, -19.3194



106.3630, 2.7790, -4.7034



84.0470, 45.3328, -73.7092



23.0820, 12.2846, -20.2429

Inverse Universe

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



152.8920, 14.3502, 64.1157



155.4140, 19.5159, 87.3369



203.9710, -46.3277, 19.3194



105.0870, 1.4361, 6.0627



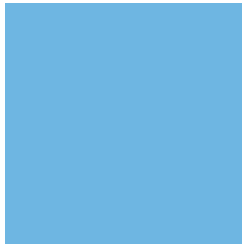
65.0500, 21.6674, 97.3032



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 165.4880, 29.8324, -48.6630 looks on a white background.

Color Contrast Check

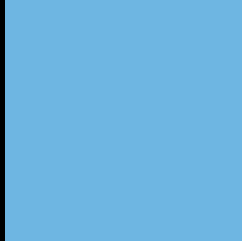
Large Text (above 18pt) WCAG AA × Fail

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 165.4880, 29.8324, -48.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

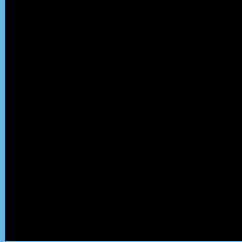
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.4880, 29.8324, -48.6630

Background



This preview shows how black text looks on a background with the YUV color 165.4880, 29.8324, -48.6630.



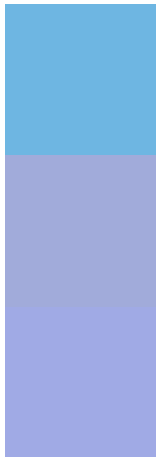
This preview shows how white text looks on a background with the YUV color 165.4880, 29.8324, -48.6630.

-48.6630.

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

165.4880, 29.8324, -48.6630

Protanopia

173.3680, 22.0036, -10.8467

Deuteranopia

173.7360, 27.2452, -12.0465



Tritanopia

162.5940, 18.9342, -53.1409

Trichromacy



Original Color

165.4880, 29.8324, -48.6630

Protanomaly

170.3770, 24.9571, -24.8866

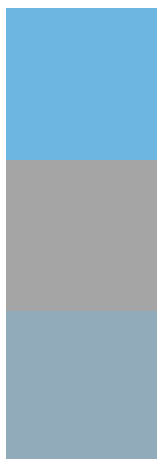
Deuteranomaly

170.5880, 28.3041, -25.0717

Tritanomaly

163.9300, 22.7125, -51.6816

Monochromacy



Original Color

165.4880, 29.8324, -48.6630

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0500, 10.8213, -17.5839

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4880, 29.8324, -48.6630 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(110, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(110, 182, 226)  
}
```

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(110, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 182, 226) }
```

Border

The CSS property to change the border of an element to YUV 165.4880, 29.8324, -48.6630 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(110, 182, 226) }
```


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

```
.border{ border-color:rgb(110, 182, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 182, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 182, 226);  
box-shadow:4px 4px 4px 4px rgb(110, 182,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 165.4880, 29.8324, -48.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 182, 226) }
```

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

```
.background{ background-color: rgb(110,  
182, 226) }
```

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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