

Converting Colors

YUV(88.7680, 48.9214,
-11.1975)

Have a look what the booklet for
YUV(88.7680, 48.9214, -11.1975)
contains.

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Color

**YUV(88.7680, 48.9214,
-11.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4CBC
RGB	76, 76, 188
RGB Percent	30%, 30%, 74%
CMY	0.7020, 0.7020, 0.2627
CMYK	0.60, 0.60, 0.00, 0.26
HSL	240°, 46%, 52%
HSV	240°, 60%, 74%
XYZ	14.6420, 10.3362, 48.8003
YIQ	88.7680, -35.9520, 34.8320

Conversions

Conversions Part 2

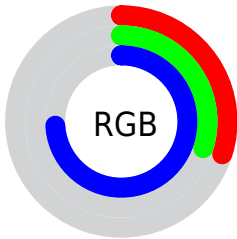
Format	Color
R_{YB}	76, 76, 188
Decimal	5000380
CIE _{Lab}	38.44, 33.38, -59.20
CIE _{LCh}	38, 67.960, 299.421
Yxy	10.3362, 0.1985, 0.1401
Android (android.graphics.Color)	4283190460 (0xFF4C4CBC)
YUV	88.7680, 48.9214, -11.1975
Hunter-Lab	32.1500, 25.0315, -67.4910

Details

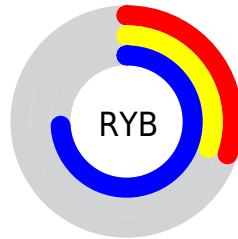
The YUV color **88.7680, 48.9214, -11.1975** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **175.2320, -48.9214, 11.1975**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6700, 50.9417, -5.8496**, and **34.0600, 49.2704, -29.8706** is the 20% darker color. If you saturate the color by 10%, you get **71.9340, 57.2205, -13.0971**, and if you desaturate by 10%, it is **105.6020, 40.6222, -9.2980**.

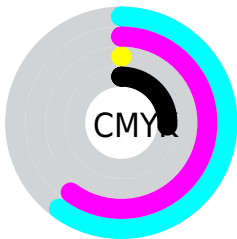
Distribution



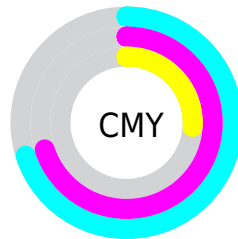
- Red (30%)
- Green (30%)
- Blue (74%)



- Red (30%)
- Yellow (30%)
- Blue (74%)



- Cyan (60%)
- Magenta (60%)
- Yellow (0%)
- Black (26%)



- Cyan (70%)
- Magenta (70%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7680, 48.9214, -11.1975 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 88.7680, 48.9214, -11.1975 by changing the saturation by 10% instead.

■ 88.7680, 48.9214,
-11.1975

■ 88.7680, 48.9214,
-11.1975

■ 255.0000, 0.0000,
0.0000

■ 62.2080, 48.2115,
-16.8454

■ 141.6700, 50.9417,
-5.8496

■ 34.0600, 49.2704,
-29.8706

■ 166.7430, 43.5107,
-2.4056

■ 19.3560, 43.7015,
-16.9752

■ 191.2630, 31.4223,
1.5233

■ 9.4620, 36.2542,
-8.2982

■ 216.0820, 19.1866,
6.0671

■ 10.1340, 23.5979,
-8.8875

■ 242.0750, 6.3720,
9.5812

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 88.7680, 48.9214,
-11.1975

■ 88.7680, 48.9214,
-11.1975

■ 71.9340, 57.2205,
-13.0971

■ 105.6020, 40.6222,
-9.2980

■ 55.1000, 65.5197,
-14.9967

■ 122.4360, 32.3231,
-7.3984

■ 39.1520, 73.3821,
-16.7963

■ 138.3840, 24.4607,
-5.5988

■ 22.3180, 81.6812,
-18.6959

■ 155.2180, 16.1615,
-3.6992

■ 21.4320, 82.1180,
-18.7959

■ 172.0520, 7.8624,
-1.7996

■ 188.8860, -0.4368,
0.1000

■ 205.7200, -8.7360,
1.9996

■ 221.6680,
-16.5983, 3.7992

■ 238.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



81.1410, 59.5835, -71.1607



88.7680, 48.9214, -11.1975



85.5120, 30.8066, 59.1870

Triad

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



88.7680, 48.9214, -11.1975



82.7280, -40.7849, 61.6285



76.3630, 5.7370, -66.9704

Complementary

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



88.7680, 48.9214, -11.1975



175.2320, -48.9214, 11.1975

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.



67.6480, -20.0395, -59.3273



88.7680, 48.9214, -11.1975



85.1440, -41.9760, 23.5527

Square

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



88.7680, 48.9214, -11.1975



70.9950, -15.2805, 94.7204



76.6180, -37.7727, -18.0820



82.7470, 30.1977, -72.5691

Rectangle

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



88.7680, 48.9214, -11.1975



65.3920, 22.9777, 97.0032



76.6180, -37.7727, -18.0820



73.4960, -2.7095, -64.4560

Sweetspot

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



88.7680, 48.9214, -11.1975



206.0160, 19.2191, -4.3990



154.5120, 16.5096, -68.8550



98.0780, 11.7935, -2.6994



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



88.7680, 48.9214, -11.1975



90.8360, 76.0029, -17.3962



105.5120, 40.6666, 23.2300



86.0260, 3.9312, -0.8998



18.0120, 69.0141, -15.7965



3.5340, 13.5407, -3.0993

Inverse Universe

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



122.2560, 32.4118, 57.6575



142.8620, 50.3540, 89.5750



158.4880, -40.6666, -23.2300



88.7170, 2.6045, 4.6332



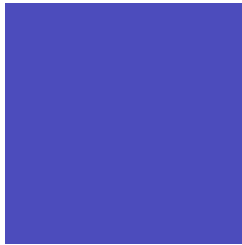
65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 88.7680, 48.9214, -11.1975 looks on a white background.

Color Contrast Check

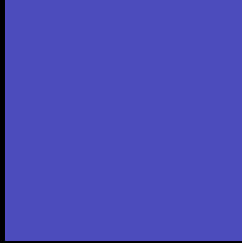
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 88.7680, 48.9214, -11.1975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

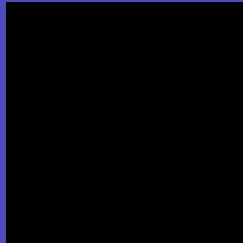
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7680, 48.9214, -11.1975

Background



This preview shows how black text looks on a background with the YUV color 88.7680, 48.9214, -11.1975.



This preview shows how white text looks on a background with the YUV color 88.7680, 48.9214,

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

88.7680, 48.9214, -11.1975

Protanopia

72.1590, 55.6306, -63.2834

Deuteranopia

72.2440, 43.2637, -63.3580



Tritanopia

81.2710, 12.1914, -37.0717

Trichromacy



Original Color

88.7680, 48.9214, -11.1975

Protanomaly

78.2970, 53.0976, -44.1105

Deuteranomaly

78.2340, 45.2406, -44.0552

Tritanomaly

83.8820, 25.6942, -27.9605

Monochromacy



Original Color

88.7680, 48.9214, -11.1975

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.6740, 17.9087, -4.0991

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7680, 48.9214, -11.1975 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(76, 76, 188)` looks like.

```
.text, #text, p{  
    color:rgb(76, 76, 188)  
}
```

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(76, 76, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 76, 188) }
```

Border

The CSS property to change the border of an element to YUV 88.7680, 48.9214, -11.1975 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(76, 76, 188) }
```


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

```
.border{ border-color:rgb(76, 76, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 76, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 76, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 76, 188);  
box-shadow:4px 4px 4px 4px rgb(76, 76,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 88.7680, 48.9214, -11.1975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 76, 188) }
```

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

```
.background{ background-color: rgb(76, 76,  
188) }
```

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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