

Converting Colors

YUV(70.4580, -21.4248,
11.8763)

Have a look what the booklet for
YUV(70.4580, -21.4248, 11.8763)
contains.

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Color

**YUV(70.4580, -21.4248,
11.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	54481B
RGB	84, 72, 27
RGB Percent	33%, 28%, 11%
CMY	0.6706, 0.7176, 0.8941
CMYK	0.00, 0.14, 0.68, 0.67
HSL	47°, 51%, 22%
HSV	47°, 68%, 33%
XYZ	6.1714, 6.5987, 1.9853
YIQ	70.4580, 21.5970, -11.4510

Conversions

Conversions Part 2

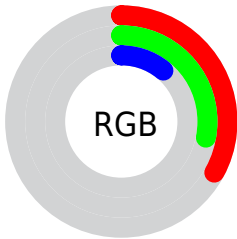
Format	Color
R_YB	42, 84, 27
Decimal	5523483
CIE Lab	30.88, -1.08, 28.18
CIE LCh	31, 28.200, 92.205
Yxy	6.5987, 0.4182, 0.4472
Android (android.graphics.Color)	4283713563 (0xFF54481B)
YUV	70.4580, -21.4248, 11.8763
Hunter-Lab	25.6879, -2.0703, 13.3992

Details

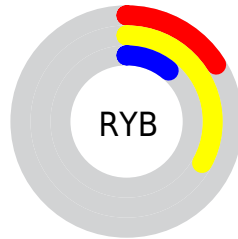
The YUV color **70.4580, -21.4248, 11.8763** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **40.5420, 21.4248, -11.8763**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1270, -22.7406, 13.9206**, and **28.0860, -13.8464, 7.8176** is the 20% darker color. If you saturate the color by 10%, you get **68.3720, -24.3404, 13.7058**, and if you desaturate by 10%, it is **72.5440, -18.5092, 10.0469**.

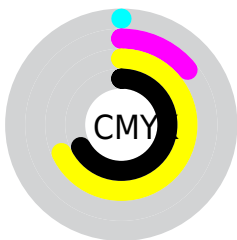
Distribution



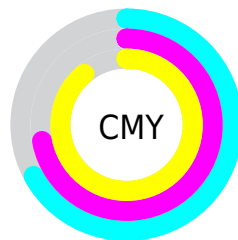
- Red (33%)
- Green (28%)
- Blue (11%)



- Red (16%)
- Yellow (33%)
- Blue (11%)



- Cyan (0%)
- Magenta (14%)
- Yellow (68%)
- Black (67%)



- Cyan (67%)
- Magenta (72%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4580, -21.4248, 11.8763 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 70.4580, -21.4248, 11.8763 by changing the saturation by 10% instead.

70.4580, -21.4248,
11.8763

70.4580, -21.4248,
11.8763

255.0000, 0.0000,
0.0000

47.6320, -22.0036,
10.8467

119.1270,
-22.7406, 13.9206

28.0860, -13.8464,
7.8176

145.1980,
-23.7616, 14.7354

2.9460, -1.4524,
-0.8296

171.6820,
-24.4932, 16.0649

0.0000, 0.0000,
0.0000

199.4540,
-25.3668, 16.2648

227.6390,
-25.9510, 16.9796

249.0720,

-22.7135, 5.1989

252.2640,
-10.4832, 2.3995

70.4580, -21.4248,
11.8763

70.4580, -21.4248,
11.8763

68.3720, -24.3404,
13.7058

72.5440, -18.5092,
10.0469

66.1720, -27.6928,
15.6352

74.7440, -15.1568,
8.1175

64.6730, -30.8978,
16.9498

76.2430, -11.9518,
6.8029

63.8580, -31.4820,
17.6645

78.4430, -8.5994,
4.8735

80.5290, -5.6838,
3.0441

■ 82.6150, -2.7682,
1.2146

■ 84.2280, 0.8736,
-0.2000

■ 86.3140, 3.7892,
-2.0294

■ 88.5140, 7.1416,
-3.9588

Harmonies

Analogous

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



71.9420, -18.7054, 26.3609



70.4580, -21.4248, 11.8763



67.9010, -16.7132, -6.0522

Triad

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



70.4580, -21.4248, 11.8763



59.5510, 17.4764, -52.2262



74.9610, 9.3862, 22.8362

Complementary

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



70.4580, -21.4248, 11.8763



40.5420, 21.4248, -11.8763

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.



74.0060, 17.7450, 1.7487



70.4580, -21.4248, 11.8763



59.6140, 25.3333, -52.2815

Square

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



70.4580, -21.4248, 11.8763



57.7440, 8.0142, -50.6415



67.5400, 24.3838, -27.6606



73.6930, -0.8346, 34.4722

Rectangle

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



70.4580, -21.4248, 11.8763



65.5340, -10.1233, -19.7623



67.5400, 24.3838, -27.6606



75.3130, 12.1707, 16.3885

Sweetspot

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



70.4580, -21.4248, 11.8763



104.5570, -8.1626, 4.7735



45.4110, -3.1606, 33.8426



52.7570, -4.8102, 2.8441



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



70.4580, -21.4248, 11.8763



88.7010, -33.3766, 18.6792



72.7180, -22.5390, -4.1377



39.9570, -1.4578, 0.9147



80.1160, -39.4972, 21.8233



176.7890, -87.1570, 48.4200

Inverse Universe

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



40.5420, 21.4248, -11.8763



42.2990, 33.3766, -18.6792



38.2820, 22.5390, 4.1377



38.0430, 1.4578, -0.9147



24.8840, 39.4972, -21.8233



55.2110, 87.1570, -48.4200

Previews

White Background



This preview shows how the YUV color 70.4580, -21.4248, 11.8763 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 ✓ Pass

Black Background



This preview shows how the YUV color 70.4580, -21.4248, 11.8763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

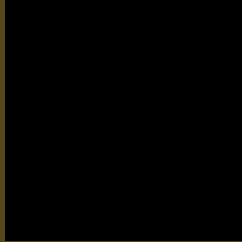
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4580, -21.4248, 11.8763

Background



This preview shows how black text looks on a background with the YUV color 70.4580, -21.4248, 11.8763.



This preview shows how white text looks on a background with the YUV color 70.4580, -21.4248,

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

70.4580, -21.4248, 11.8763

Protanopia

70.1480, -21.2720, 9.5172

Deuteranopia

70.9040, -21.1517, 17.6242



Tritanopia

73.9630, -0.4748, 12.3104

Trichromacy



Original Color

70.4580, -21.4248, 11.8763

Protanomaly

70.4470, -21.4194, 10.1320

Deuteranomaly

70.5940, -20.9988, 15.2651

Tritanomaly

72.9000, -8.3317, 12.3657

Monochromacy



Original Color

70.4580, -21.4248, 11.8763

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2580, -8.0152, 4.1587

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4580, -21.4248, 11.8763 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(84, 72, 27)` looks like.

```
.text, #text, p{  
    color:rgb(84, 72, 27)  
}
```

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(84, 72, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 72, 27) }
```

Border

The CSS property to change the border of an element to YUV 70.4580, -21.4248, 11.8763 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(84, 72, 27) }
```


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

```
.border{ border-color:rgb(84, 72, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 72, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 72, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 72, 27);  
box-shadow:4px 4px 4px 4px rgb(84, 72, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.4580, -21.4248, 11.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 72, 27) }
```

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

```
.background{ background-color: rgb(84, 72,  
27) }
```

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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