

Converting Colors

YUV(69.4580, -14.5228,
38.1863)

Have a look what the booklet for
YUV(69.4580, -14.5228, 38.1863)
contains.

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Color

**YUV(69.4580, -14.5228,
38.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	713528
RGB	113, 53, 40
RGB Percent	44%, 21%, 16%
CMY	0.5569, 0.7922, 0.8431
CMYK	0.00, 0.53, 0.65, 0.56
HSL	11°, 48%, 30%
HSV	11°, 65%, 44%
XYZ	8.4662, 6.2101, 2.7599
YIQ	69.4580, 39.9330, 8.6770

Conversions

Conversions Part 2

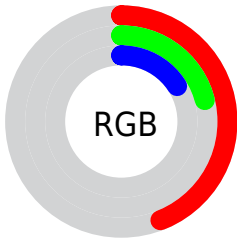
Format	Color
RYB	113, 56, 40
Decimal	7419176
CIELab	29.94, 25.30, 20.45
CIELCh	30, 32.529, 38.953
Yxy	6.2101, 0.4856, 0.3562
Android (android.graphics.Color)	4285609256 (0xFF713528)
YUV	69.4580, -14.5228, 38.1863
Hunter-Lab	24.9201, 17.0320, 10.8776

Details

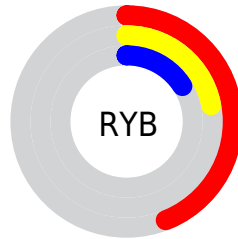
The YUV color **69.4580, -14.5228, 38.1863** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.5420, 14.5228, -38.1863**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2090, -16.8650, 42.7897**, and **22.3480, -11.0176, 33.8978** is the 20% darker color. If you saturate the color by 10%, you get **62.9210, -16.7231, 43.9193**, and if you desaturate by 10%, it is **75.9950, -12.3225, 32.4534**.

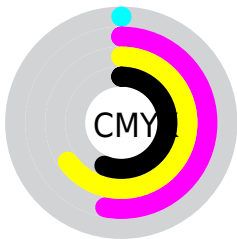
Distribution



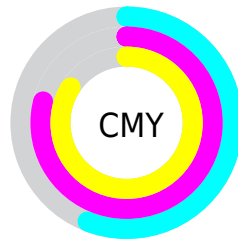
- Red (44%)
- Green (21%)
- Blue (16%)



- Red (44%)
- Yellow (22%)
- Blue (16%)



- Cyan (0%)
- Magenta (53%)
- Yellow (65%)
- Black (56%)



- Cyan (56%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.4580, -14.5228, 38.1863 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 69.4580, -14.5228, 38.1863 by changing the saturation by 10% instead.

■ 69.4580, -14.5228,
38.1863

■ 69.4580, -14.5228,
38.1863

■ 255.0000, 0.0000,
0.0000

■ 45.4900, -13.0596,
35.5273

■ 119.2090,
-16.8650, 42.7897

■ 22.3480, -11.0176,
33.8978

■ 145.9920,
-17.7441, 44.7340

■ 11.4760, -5.1647,
23.2615

■ 172.7750,
-18.6231, 46.6783

■ 0.0000, 0.0000,
0.0000

■ 200.2590,
-19.3547, 48.0079

■ 219.8870,
-15.2273, 30.7941

■ 239.4010,

-11.5367, 13.6803

253.8600, -4.3680,
0.9998

69.4580, -14.5228,
38.1863

69.4580, -14.5228,
38.1863

62.9210, -16.7231,
43.9193

75.9950, -12.3225,
32.4534

55.6830, -19.0707,
50.2670

83.2330, -9.9749,
26.1057

49.1460, -21.2710,
56.0000

89.7700, -7.7746,
20.3727

45.5270, -22.4448,
59.1738

96.3070, -5.5744,
14.6398

102.9580, -2.9373,
8.8068

■ 110.0820, -1.0264,
2.5591

■ 116.6190, 1.1738,
-3.1739

■ 123.1560, 3.3741,
-8.9068

■ 130.3940, 5.7218,
-15.2545

Harmonies

Analogous

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



70.4550, -3.1823, 40.8200



69.4580, -14.5228, 38.1863



69.0900, -23.2154, 26.2311

Triad

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



69.4580, -14.5228, 38.1863



53.9480, -1.4534, -47.3124



65.8220, 26.7098, -27.0309

Complementary

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



69.4580, -14.5228, 38.1863



83.5420, 14.5228, -38.1863

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.



59.1240, 28.5329, -51.8517



69.4580, -14.5228, 38.1863



57.6130, 10.0508, -50.5266

Square

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



69.4580, -14.5228, 38.1863



64.0420, -17.2757, -12.3148



59.7620, 20.8233, -52.4113



72.8650, 18.3076, 8.0114

Rectangle

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



69.4580, -14.5228, 38.1863



67.7420, -25.5088, 15.1353



59.7620, 20.8233, -52.4113



57.2320, 31.4376, -50.1925

Sweetspot

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



69.4580, -14.5228, 38.1863



131.3070, -5.5744, 14.6398



68.7810, 15.8840, 38.7801



63.8440, -3.3741, 8.9068



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



69.4580, -14.5228, 38.1863



79.1250, -22.7396, 60.4034



90.5900, -24.9409, 19.6536



52.3810, -1.1738, 3.1739



48.2070, -23.7661, 62.9625



99.6810, -49.1427, 129.1988

Inverse Universe

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



83.5420, 14.5228, -38.1863



101.2880, 23.0290, -59.8886



62.4100, 24.9409, -19.6536



53.6190, 1.1738, -3.1739



71.7930, 23.7661, -62.9625



147.3190, 49.1427, -129.1988

Previews

White Background



This preview shows how the YUV color 69.4580, -14.5228, 38.1863 looks on a white background.

Color Contrast Check

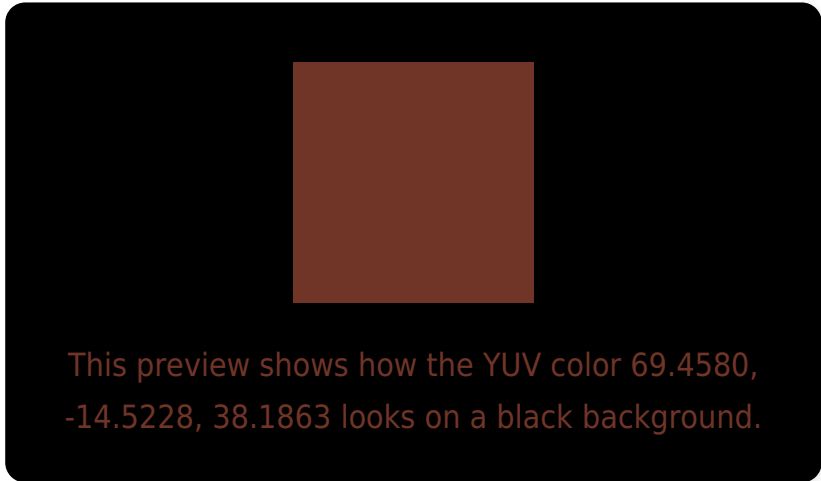
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 69.4580, -14.5228, 38.1863

Background



This preview shows how black text looks on a background with the YUV color 69.4580, -14.5228, 38.1863.



This preview shows how white text looks on a background with the YUV color 69.4580, -14.5228,

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

69.4580, -14.5228, 38.1863

Protanopia

70.0580, -11.3676, 6.0881

Deuteranopia

70.1470, -16.3415, 14.7801



Tritanopia

70.2930, -7.5394, 38.3310

Trichromacy



Original Color

69.4580, -14.5228, 38.1863

Protanomaly

69.4940, -12.5685, 17.9838

Deuteranomaly

70.0170, -15.7844, 22.7871

Tritanomaly

70.3100, -10.0128, 38.3161

Monochromacy



Original Color

69.4580, -14.5228, 38.1863

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0080, -5.4269, 14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.4580, -14.5228, 38.1863 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(113, 53, 40)` looks like.

```
.text, #text, p{  
    color:rgb(113, 53, 40)  
}
```

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(113, 53, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 53, 40) }
```

Border

The CSS property to change the border of an element to YUV 69.4580, -14.5228, 38.1863 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(113, 53, 40) }
```


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

```
.border{ border-color:rgb(113, 53, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 53, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 53, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 53, 40);  
box-shadow:4px 4px 4px 4px rgb(113, 53,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 69.4580, -14.5228, 38.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 53, 40) }
```

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

```
.background{ background-color: rgb(113, 53,  
40) }
```

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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