

Converting Colors

YUV(65.7180, -28.9480,
44.9743)

Have a look what the booklet for
YUV(65.7180, -28.9480, 44.9743)
contains.

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Color

**YUV(65.7180, -28.9480,
44.9743)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 753307 |
| RGB | 117, 51, 7 |
| RGB Percent | 46%, 20%, 3% |
| CMY | 0.5412, 0.8000, 0.9725 |
| CMYK | 0.00, 0.56, 0.94, 0.54 |
| HSL | 24°, 89%, 24% |
| HSV | 24°, 94%, 46% |
| XYZ | 8.5583, 6.1649, 0.9399 |
| YIQ | 65.7180, 53.4600, 0.3080 |

Conversions

Conversions Part 2

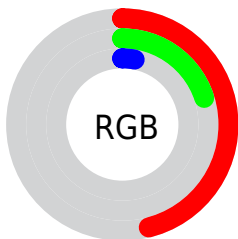
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 117, 80, 7 |
| Decimal | 7680775 |
| CIE Lab | 29.82, 26.59, 37.98 |
| CIE LCh | 30, 46.359, 55.008 |
| Yxy | 6.1649, 0.5464, 0.3936 |
| Android (android.graphics.Color) | 4285870855 (0xFF753307) |
| YUV | 65.7180, -28.9480, 44.9743 |
| Hunter-Lab | 24.8292, 18.0754, 15.1361 |

Details

The YUV color **65.7180, -28.9480, 44.9743** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **58.2820, 28.9480, -44.9743**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5940, -30.8588, 51.2221**, and **21.4730, -10.5862, 35.5422** is the 20% darker color. If you saturate the color by 10%, you get **62.5720, -30.8480, 47.7334**, and if you desaturate by 10%, it is **71.1950, -25.7321, 40.1710**.

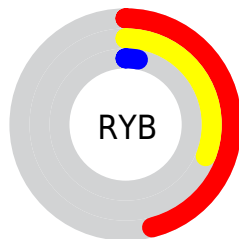
Distribution



Red (46%)

Green (20%)

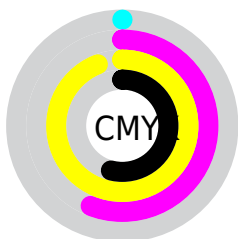
Blue (3%)



Red (46%)

Yellow (31%)

Blue (3%)

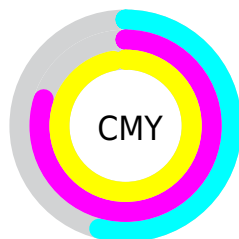


Cyan (0%)

Magenta (56%)

Yellow (94%)

Black (54%)



Cyan (54%)


Magenta (80%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 65.7180, -28.9480, 44.9743 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 65.7180, -28.9480, 44.9743 by changing the saturation by 10% instead.


 65.7180, -28.9480,
44.9743


 65.7180, -28.9480,
44.9743


 253.0620, -7.4256,
1.6996


 43.0470, -21.2222,
40.3008

 116.5940,
-30.8588, 51.2221


 21.4730, -10.5862,
35.5422


 142.6760,
-31.8853, 53.7811

 11.7750, -5.3121,
23.8763

 170.3450,
-33.2011, 55.8254

 0.0000, 0.0000,
0.0000

 195.3230,
-33.1902, 52.3367

 214.2500,
-29.2102, 35.7377

 234.3510,

-25.8090, 18.1092

■ 249.8700,
-19.6559, 4.4990

■ 65.7180, -28.9480,
44.9743

■ 65.7180, -28.9480,
44.9743

■ 62.5720, -30.8480,
47.7334

■ 71.1950, -25.7321,
40.1710

■ 76.5580, -22.9531,
35.4676

■ 82.0350, -19.7373,
30.6643

■ 87.5120, -16.5214,
25.8610

■ 92.9890, -13.3056,
21.0576

■ 98.3520, -10.5265,
16.3543

■ 103.8290, -7.3107,
11.5510

■ 109.3060, -4.0949,
6.7476

■ 114.6690, -1.3158,
2.0443

Harmonies

Analogous

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



63.6270, -10.6621, 59.9631



65.7180, -28.9480, 44.9743



66.5380, -32.8032, 21.4532

Triad

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



65.7180, -28.9480, 44.9743



57.6640, 2.6306, -50.5713



68.6310, 33.2129, -12.8314

Complementary

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



65.7180, -28.9480, 44.9743



58.2820, 28.9480, -44.9743

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.



61.5010, 40.1790, -53.9364



65.7180, -28.9480, 44.9743



61.8820, 18.7922, -54.2705

Square

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



65.7180, -28.9480, 44.9743



51.5710, -13.0995, -45.2278



64.0140, 32.0381, -56.1403



71.1760, 20.1262, 31.4176

Rectangle

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



65.7180, -28.9480, 44.9743



64.0690, -31.5860, 4.3245



64.0140, 32.0381, -56.1403



58.8660, 39.9991, -42.8555

Sweetspot

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



65.7180, -28.9480, 44.9743



132.8360, -11.2581, 17.6838



47.4140, 12.6139, 61.0269



64.5300, -7.1633, 10.9362



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



65.7180, -28.9480, 44.9743



81.5540, -40.2061, 62.6581



98.0030, -44.8645, 16.6604



55.9680, -1.4632, 2.6591



65.2410, -32.1638, 49.7776



133.4500, -65.7908, 102.2144

Inverse Universe

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



58.2820, 28.9480, -44.9743



71.4460, 40.2061, -62.6581



25.9970, 44.8645, -16.6604



55.4450, 1.7526, -2.1443



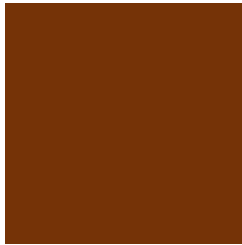
56.7590, 32.1638, -49.7776



116.5500, 65.7908, -102.2143

Previews

White Background



This preview shows how the YUV color 65.7180, -28.9480, 44.9743 looks on a white background.

Color Contrast Check

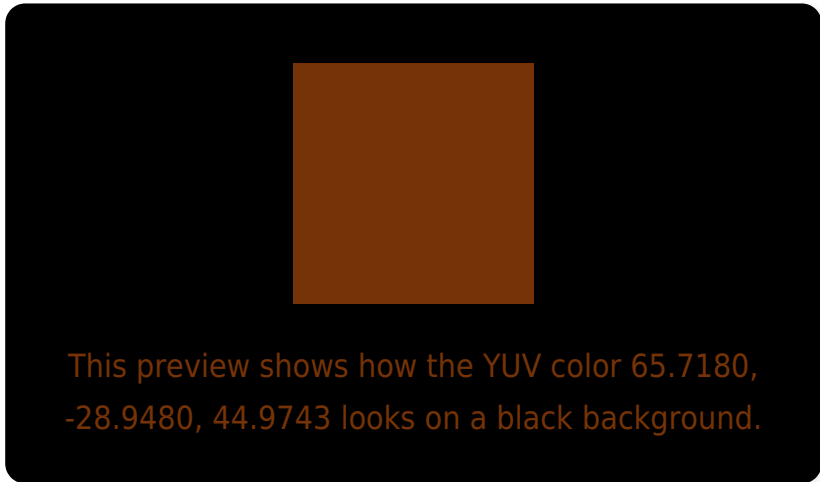
Large Text (above 18pt) WCAG AA ✓ Pass

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

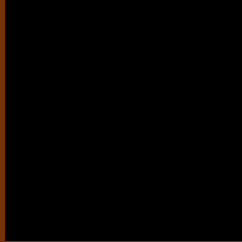
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.7180, -28.9480, 44.9743

Background



This preview shows how black text looks on a background with the YUV color 65.7180, -28.9480, 44.9743.



This preview shows how white text looks on a background with the YUV color 65.7180, -28.9480,

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

65.7180, -28.9480, 44.9743

Protanopia

67.0790, -26.6609, 11.3317

Deuteranopia

66.8260, -32.9452, 20.3236



Tritanopia

68.6850, -8.7187, 43.2493

Trichromacy



Original Color

65.7180, -28.9480, 44.9743

Protanomaly

66.6290, -27.4251, 23.1274

Deuteranomaly

66.6360, -31.3725, 29.2602

Tritanomaly

67.4480, -15.9969, 44.3341

Monochromacy



Original Color

65.7180, -28.9480, 44.9743

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.3520, -10.5265, 16.3543

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7180, -28.9480, 44.9743 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(117, 51, 7)` looks like.

```
.text, #text, p{  
    color:rgb(117, 51, 7)  
}
```

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(117, 51, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 51, 7) }
```

Border

The CSS property to change the border of an element to YUV 65.7180, -28.9480, 44.9743 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(117, 51, 7) }
```


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

```
.border{ border-color:rgb(117, 51, 7) }
```

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

Here you see how a box with a 4 pixel rgb(117, 51, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 51, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 51, 7);  
box-shadow:4px 4px 4px 4px rgb(117, 51, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.7180, -28.9480, 44.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 51, 7) }
```

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

```
.background{ background-color: rgb(117, 51,  
7) }
```

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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