

Converting Colors

YUV(72.4560, 5.1982, 12.7551)

Have a look what the booklet for
YUV(72.4560, 5.1982, 12.7551)
contains.

YUV(72.4560, 5.1982, 12.7551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(72.4560, 5.1982,
12.7551)**

Conversions

Conversions Part 1

Format	Color
Hex	573F53
RGB	87, 63, 83
RGB Percent	34%, 25%, 33%
CMY	0.6588, 0.7529, 0.6745
CMYK	0.00, 0.28, 0.05, 0.66
HSL	310°, 16%, 29%
HSV	310°, 28%, 34%
XYZ	7.2693, 6.2058, 8.9983
YIQ	72.4560, 7.8840, 11.3080

Conversions

Conversions Part 2

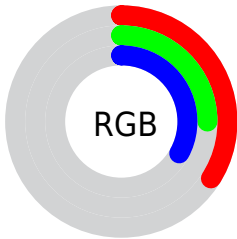
Format	Color
RYB	87, 63, 83
Decimal	5717843
CIELab	29.93, 14.28, -7.93
CIElCh	30, 16.337, 330.947
Yxy	6.2058, 0.3235, 0.2761
Android (android.graphics.Color)	4283907923 (0xFF573F53)
YUV	72.4560, 5.1982, 12.7551
Hunter-Lab	24.9114, 8.4926, -3.9783

Details

The YUV color **72.4560, 5.1982, 12.7551** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **77.5440, -5.1982, -12.7551**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.1680, 5.3402, 13.8847**, and **28.3310, 4.7668, 11.1107** is the 20% darker color. If you saturate the color by 10%, you get **67.0590, 7.3659, 17.4883**, and if you desaturate by 10%, it is **77.8530, 3.0305, 8.0219**.

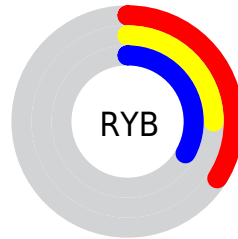
Distribution



 Red (34%)

 Green (25%)

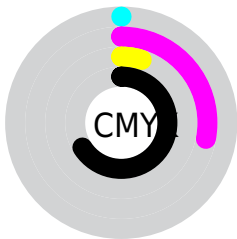
 Blue (33%)



 Red (34%)

 Yellow (25%)

 Blue (33%)

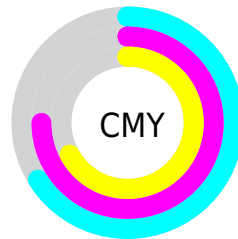


 Cyan (0%)

 Magenta (28%)

 Yellow (5%)

 Black (66%)



 Cyan (66%)

 Magenta (75%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.4560, 5.1982, 12.7551 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 72.4560, 5.1982, 12.7551 by changing the saturation by 10% instead.

■ 72.4560, 5.1982,
12.7551

■ 72.4560, 5.1982,
12.7551

■ 255.0000, 0.0000,
0.0000

■ 49.7440, 5.0562,
11.6255

■ 121.1680, 5.3402,
13.8847

■ 28.3310, 4.7668,
11.1107

■ 146.9940, 5.9190,
14.9143

■ 8.9290, 4.4720,
12.3403

■ 173.9940, 5.9190,
14.9143

■ 0.0000, 0.0000,
0.0000

■ 201.2930, 5.7716,
15.5290

■ 229.4070, 6.2083,
15.4291

■ 249.7170, 2.6045,

4.6332

■ 72.4560, 5.1982,
12.7551

■ 72.4560, 5.1982,
12.7551

■ 67.0590, 7.3659,
17.4883

■ 77.8530, 3.0305,
8.0219

■ 62.1350, 8.8074,
21.8066

■ 82.7770, 1.5889,
3.7036

■ 56.7380, 10.9752,
26.5398

■ 88.1740, -0.5788,
-1.0296

■ 51.2270, 12.7061,
31.3729

■ 93.6850, -2.3097,
-5.8627

■ 46.4170, 14.5844,
35.5913

■ 98.4950, -4.1880,
-10.0811

■ 40.9060, 16.3153,
40.4244

■ 104.0060, -5.9190,
-14.9143

■ 35.5090, 18.4831,
45.1576

■ 109.4030, -8.0867,
-19.6474

■ 34.2210, 18.6250,
46.2872

■ 114.9140, -9.8176,
-24.4806

■ 119.7240,
-11.6959, -28.6989

Harmonies

Analogous

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



71.6440, 10.0355, 1.1892



72.4560, 5.1982, 12.7551



72.3060, -0.6439, 19.9026

Triad

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



72.4560, 5.1982, 12.7551



69.8410, -12.2466, 8.0324



63.3320, 9.6963, -30.1092

Complementary

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



72.4560, 5.1982, 12.7551



77.5440, -5.1982, -12.7551

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.



64.2420, 2.8387, -23.8912



72.4560, 5.1982, 12.7551



68.3450, -10.0301, -2.9336

Square

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



72.4560, 5.1982, 12.7551



70.6510, -10.6739, 16.9691



66.4730, -4.1772, -13.5698



65.5760, 13.0270, -25.0612

Rectangle

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



72.4560, 5.1982, 12.7551



71.5790, -4.7224, 21.4172



66.4730, -4.1772, -13.5698



63.1750, 7.8017, -29.0945

Sweetspot

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



72.4560, 5.1982, 12.7551



106.6030, 2.1677, 4.7332



66.9320, 9.8935, 0.0596



52.3640, 1.2995, 3.1888



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.



72.4560, 5.1982, 12.7551



89.5970, 8.0867, 19.6474



71.0880, -0.0434, 13.9548



40.6520, 1.1576, 2.0592



42.1390, 23.1025, 56.8831



92.4950, 50.5350, 124.9769

Inverse Universe

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



72.4560, 5.1982, 12.7551



89.5970, 8.0867, 19.6474



78.9120, 0.0434, -13.9548



40.6520, 1.1576, 2.0592



42.1390, 23.1025, 56.8831



92.4950, 50.5350, 124.9769

Previews

White Background



This preview shows how the YUV color 72.4560, 5.1982, 12.7551 looks on a white background.

Color Contrast Check

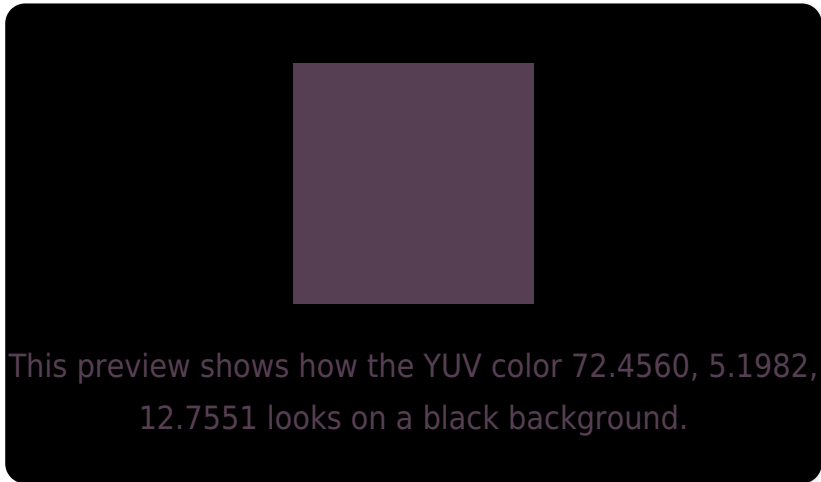
Large Text (above 18pt) WCAG AA ✓ Pass

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

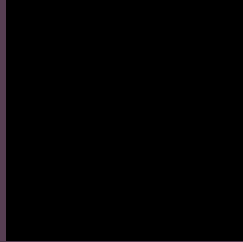
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.4560, 5.1982, 12.7551

Background



This preview shows how black text looks on a background with the YUV color 72.4560, 5.1982, 12.7551.



This preview shows how white text looks on a background with the YUV color 72.4560, 5.1982, 12.7551.

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

72.4560, 5.1982, 12.7551

Protanopia

70.8560, 8.4520, -4.2587

Deuteranopia

71.3790, 5.2362, 0.5446



Tritanopia

71.5500, -0.7641, 11.7957

Trichromacy



Original Color

72.4560, 5.1982, 12.7551

Protanomaly

71.2590, 7.2673, 2.4039

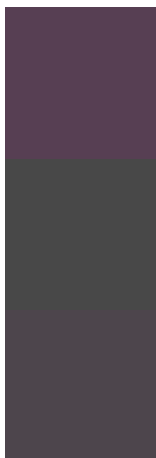
Deuteranomaly

71.7000, 5.0779, 4.6481

Tritanomaly

71.8320, 1.5618, 12.4253

Monochromacy



Original Color

72.4560, 5.1982, 12.7551

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1900, 1.8783, 4.2184

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4560, 5.1982, 12.7551 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(87, 63, 83)` looks like.

```
.text, #text, p{  
    color:rgb(87, 63, 83)  
}
```

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(87, 63, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 63, 83) }
```

Border

The CSS property to change the border of an element to YUV 72.4560, 5.1982, 12.7551 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(87, 63, 83) }
```


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

```
.border{ border-color:rgb(87, 63, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 63, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 63, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 63, 83);  
box-shadow:4px 4px 4px 4px rgb(87, 63, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.4560, 5.1982, 12.7551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 63, 83) }
```

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

```
.background{ background-color: rgb(87, 63,  
83) }
```

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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