

Converting Colors

YUV(72.3670, -6.5899, 13.7101)

Have a look what the booklet for
YUV(72.3670, -6.5899, 13.7101)
contains.

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Color

**YUV(72.3670, -6.5899,
13.7101)**

Conversions

Conversions Part 1

Format	Color
Hex	58433B
RGB	88, 67, 59
RGB Percent	35%, 26%, 23%
CMY	0.6549, 0.7373, 0.7686
CMYK	0.00, 0.24, 0.33, 0.65
HSL	17°, 20%, 29%
HSV	17°, 33%, 35%
XYZ	6.8211, 6.4048, 5.0144
YIQ	72.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

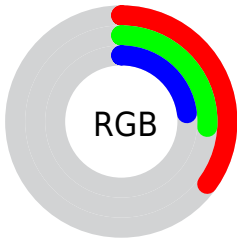
Format	Color
R_{YB}	88, 70, 59
Decimal	5784379
CIE Lab	30.41, 7.73, 8.33
CIE LCh	30, 11.367, 47.136
Yxy	6.4048, 0.3740, 0.3511
Android (android.graphics.Color)	4283974459 (0xFF58433B)
YUV	72.3670, -6.5899, 13.7101
Hunter-Lab	25.3077, 3.8219, 5.9678

Details

The YUV color **72.3670, -6.5899, 13.7101** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **74.6330, 6.5899, -13.7101**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.1500, -7.4690, 15.6544**, and **28.5840, -5.7109, 11.7658** is the 20% darker color. If you saturate the color by 10%, you get **67.8190, -8.7848, 17.6987**, and if you desaturate by 10%, it is **76.9150, -4.3951, 9.7215**.

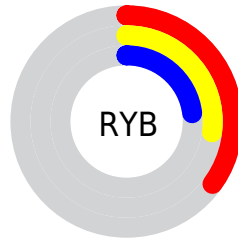
Distribution



 Red (35%)

 Green (26%)

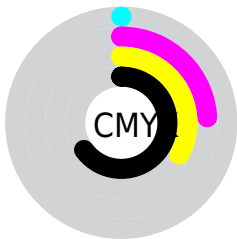
 Blue (23%)



 Red (35%)

 Yellow (27%)

 Blue (23%)

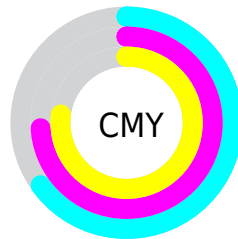


 Cyan (0%)

 Magenta (24%)

 Yellow (33%)

 Black (65%)



 Cyan (65%)

 Magenta (74%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.3670, -6.5899, 13.7101 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 72.3670, -6.5899, 13.7101 by changing the saturation by 10% instead.

■ 72.3670, -6.5899,
13.7101

■ 72.3670, -6.5899,
13.7101

■ 255.0000, 0.0000,
0.0000

■ 49.7690, -6.2951,
12.4806

■ 121.1500, -7.4690,
15.6544

■ 28.5840, -5.7109,
11.7658

■ 147.0360, -7.9057,
15.7544

■ 5.9800, -2.9481,
12.2955

■ 173.3350, -8.0532,
16.3692

■ 0.0000, 0.0000,
0.0000

■ 200.6340, -8.2006,
16.9840

■ 228.9330, -8.3480,
17.5988

■ 250.9420, -5.3944,

3.5589

■ 72.3670, -6.5899,
13.7101

■ 72.3670, -6.5899,
13.7101

■ 67.8190, -8.7848,
17.6987

■ 76.9150, -4.3951,
9.7215

■ 62.6840, -10.6902,
22.2021

■ 82.0500, -2.4896,
5.2182

■ 58.2500, -12.4482,
26.0907

■ 86.4840, -0.7316,
1.3295

■ 53.7020, -14.6431,
30.0793

■ 91.0320, 1.4632,
-2.6591

■ 48.5670, -16.5485,
34.5827

■ 96.1670, 3.3687,
-7.1625

■ 44.0190, -18.7434,
38.5713

■ 100.7150, 5.5635,
-11.1511

■ 40.4000, -19.9172,
41.7452

■ 105.8500, 7.4690,
-15.6544

■ 110.2840, 9.2270,
-19.5431

■ 114.8320, 11.4218,
-23.5317

Harmonies

Analogous

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



72.7030, -2.8116, 15.1695



72.3670, -6.5899, 13.7101



71.8780, -8.3209, 8.8770

Triad

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



72.3670, -6.5899, 13.7101



68.3960, -0.6882, -12.6253



72.0410, 7.8678, -3.5440

Complementary

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



72.3670, -6.5899, 13.7101



74.6330, 6.5899, -13.7101

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.



70.3280, 9.2053, -12.5657



72.3670, -6.5899, 13.7101



68.2150, 3.8380, -17.7286

Square

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



72.3670, -6.5899, 13.7101



69.5880, -5.2199, -5.7777



68.5400, 7.6218, -18.0136



73.1130, 5.3673, 5.1629

Rectangle

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



72.3670, -6.5899, 13.7101



71.1440, -8.4520, 4.2587



68.5400, 7.6218, -18.0136



71.5460, 8.6048, -6.6178

Sweetspot

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



72.3670, -6.5899, 13.7101



108.3490, -2.6371, 5.8329



70.0650, 4.8980, 15.7290



55.2670, -1.6106, 3.2738



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



72.3670, -6.5899, 13.7101



90.3850, -10.5428, 21.5874



80.5850, -10.6414, 6.5030



40.7830, -0.8790, 1.9443



49.6030, -24.4543, 50.3372



108.4200, -53.4511, 111.0107

Inverse Universe

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



74.6330, 6.5899, -13.7101



93.6150, 10.5428, -21.5874



66.4150, 10.6414, -6.5030



41.2170, 0.8790, -1.9443



57.9840, 24.1649, -50.8520



126.5800, 53.4511, -111.0107

Previews

White Background



This preview shows how the YUV color 72.3670, -6.5899, 13.7101 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 72.3670, -6.5899, 13.7101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

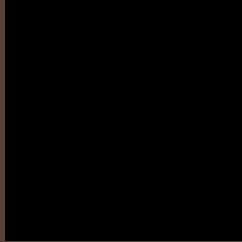
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.3670, -6.5899, 13.7101

Background



This preview shows how black text looks on a background with the YUV color 72.3670, -6.5899, 13.7101.

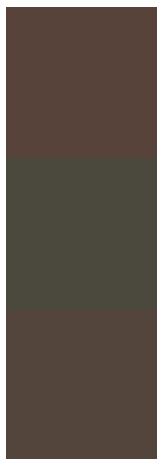


This preview shows how white text looks on a background with the YUV color 72.3670, -6.5899,

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

72.3670, -6.5899, 13.7101

Protanopia

71.6430, -5.2470, 2.9441

Deuteranopia

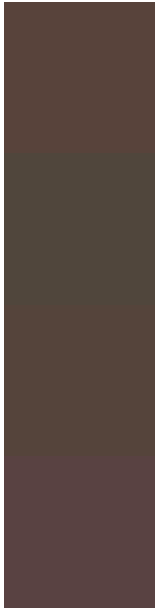
72.0460, -6.4317, 9.6067



Tritanopia

72.7460, -1.3538, 14.2548

Trichromacy



Original Color

72.3670, -6.5899, 13.7101

Protanomaly

71.8500, -5.8420, 7.1476

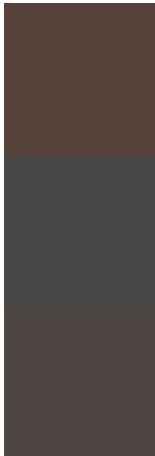
Deuteranomaly

72.0570, -6.4371, 11.3510

Tritanomaly

72.8770, -3.3904, 14.1399

Monochromacy



Original Color

72.3670, -6.5899, 13.7101

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0500, -2.4896, 5.2182

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.3670, -6.5899, 13.7101 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(88, 67, 59)` looks like.

```
.text, #text, p{  
    color:rgb(88, 67, 59)  
}
```

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(88, 67, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 67, 59) }
```

Border

The CSS property to change the border of an element to YUV 72.3670, -6.5899, 13.7101 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(88, 67, 59) }
```


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

```
.border{ border-color:rgb(88, 67, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 67, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 67, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 67, 59);  
box-shadow:4px 4px 4px 4px rgb(88, 67, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.3670, -6.5899, 13.7101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 67, 59) }
```

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

```
.background{ background-color: rgb(88, 67,  
59) }
```

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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