

Converting Colors

YUV(75.1690, 0.4097, 8.6218)

Have a look what the booklet for
YUV(75.1690, 0.4097, 8.6218)
contains.

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Color

**YUV(75.1690, 0.4097,
8.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	55464C
RGB	85, 70, 76
RGB Percent	33%, 27%, 30%
CMY	0.6667, 0.7255, 0.7020
CMYK	0.00, 0.18, 0.11, 0.67
HSL	336°, 10%, 30%
HSV	336°, 18%, 33%
XYZ	7.2410, 6.8334, 7.7748
YIQ	75.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

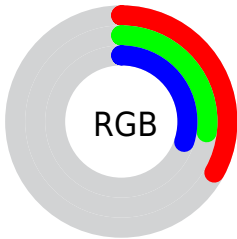
Format	Color
R_{YB}	85, 70, 76
Decimal	5588556
CIE Lab	31.42, 7.54, -1.21
CIE LCh	31, 7.641, 350.911
Yxy	6.8334, 0.3314, 0.3128
Android (android.graphics.Color)	4283778636 (0xFF55464C)
YUV	75.1690, 0.4097, 8.6218
Hunter-Lab	26.1408, 3.6979, 0.6645

Details

The YUV color **75.1690, 0.4097, 8.6218** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **79.8310, -0.4097, -8.6218**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.8810, 0.5517, 9.7514**, and **31.4570, 0.2677, 7.4922** is the 20% darker color. If you saturate the color by 10%, you get **69.3160, 0.8302, 13.7549**, and if you desaturate by 10%, it is **80.4350, 0.2785, 4.0035**.

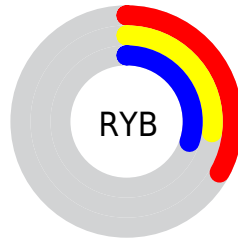
Distribution



 Red (33%)

 Green (27%)

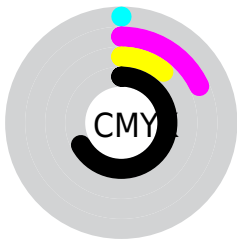
 Blue (30%)



 Red (33%)

 Yellow (27%)

 Blue (30%)

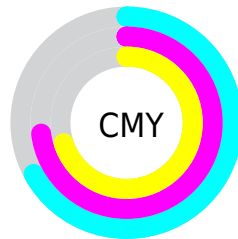


 Cyan (0%)

 Magenta (18%)

 Yellow (11%)

 Black (67%)



 Cyan (67%)

 Magenta (73%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.1690, 0.4097, 8.6218 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 75.1690, 0.4097, 8.6218 by changing the saturation by 10% instead.

■ 75.1690, 0.4097,
8.6218

■ 75.1690, 0.4097,
8.6218

255.0000, 0.0000,
0.0000

■ 52.7560, 0.1203,
8.1070

■ 123.8810, 0.5517,
9.7514

■ 31.4570, 0.2677,
7.4922

■ 149.8810, 0.5517,
9.7514

■ 6.8920, 0.5462,
11.4957

■ 176.1800, 0.4043,
10.3661

■ 0.0000, 0.0000,
0.0000

■ 204.1800, 0.4043,
10.3661

■ 232.1800, 0.4043,
10.3661

254.4130, 0.2894,

0.5148

■ 75.1690, 0.4097,
8.6218

■ 75.1690, 0.4097,
8.6218

■ 69.3160, 0.8302,
13.7549

■ 80.4350, 0.2785,
4.0035

■ 64.0500, 0.9614,
18.3732

■ 86.2880, -0.1420,
-1.1296

■ 58.7840, 1.0925,
22.9914

■ 92.1410, -0.5625,
-6.2627

■ 52.9310, 1.5130,
28.1245

■ 97.4070, -0.6937,
-10.8809

■ 47.6650, 1.6442,
32.7428

■ 103.2600, -1.1142,
-16.0140

■ 41.6980, 1.6279,
37.9759

■ 108.6400, -0.8085,
-20.7323

■ 36.4320, 1.7590,
42.5941

■ 114.4930, -1.2290,
-25.8654

■ 30.5790, 2.1796,
47.7272

■ 119.7590, -1.3602,
-30.4836

■ 29.2910, 2.3215,
48.8568

■ 125.6120, -1.7807,
-35.6167

Harmonies

Analogous

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



74.9450, 3.4781, 4.4332



75.1690, 0.4097, 8.6218



75.0830, -2.5059, 10.4512

Triad

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



75.1690, 0.4097, 8.6218



73.3330, -5.0942, 0.5850



72.6010, 5.1267, -11.0511

Complementary

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



75.1690, 0.4097, 8.6218



79.8310, -0.4097, -8.6218

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.



71.7320, 3.0901, -11.1660



75.1690, 0.4097, 8.6218



72.1690, -3.0413, -4.5332

Square

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



75.1690, 0.4097, 8.6218



74.1380, -5.9840, 6.0180



71.9450, 0.0271, -8.7218



73.2640, 6.2788, -7.2475

Rectangle

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



75.1690, 0.4097, 8.6218



74.9150, -4.3951, 9.7215



71.9450, 0.0271, -8.7218



72.1880, 4.8373, -11.5659

Sweetspot

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



75.1690, 0.4097, 8.6218



106.0220, -0.0108, 3.4887



74.4010, 5.2253, 4.0333



54.0110, -0.0054, 1.7444



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.



75.1690, 0.4097, 8.6218



94.9030, 0.5408, 13.2401



75.6590, -2.7899, 8.1921



40.4240, 0.2840, 2.2592



36.8950, 3.0098, 61.4821



80.9810, 6.4184, 135.0747

Inverse Universe

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



75.1690, 0.4097, 8.6218



94.9030, 0.5408, 13.2401



79.3410, 2.7899, -8.1921



40.4240, 0.2840, 2.2592



36.8950, 3.0098, 61.4821



80.9810, 6.4184, 135.0747

Previews

White Background



This preview shows how the YUV color 75.1690, 0.4097, 8.6218 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 75.1690, 0.4097, 8.6218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

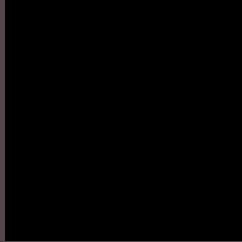
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.1690, 0.4097, 8.6218

Background



This preview shows how black text looks on a background with the YUV color 75.1690, 0.4097, 8.6218.



This preview shows how white text looks on a background with the YUV color 75.1690, 0.4097,

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

75.1690, 0.4097, 8.6218

Protanopia

74.4560, 1.7472, -0.3999

Deuteranopia

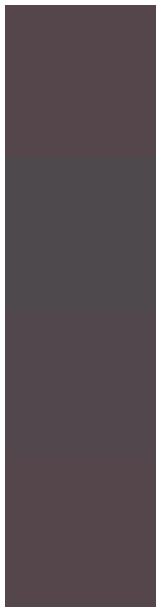
74.8480, 0.5679, 4.5183



Tritanopia

75.1690, 0.4097, 8.6218

Trichromacy



Original Color

75.1690, 0.4097, 8.6218

Protanomaly

74.9510, 1.0102, 2.6740

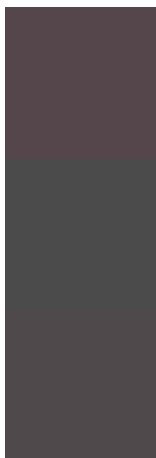
Deuteranomaly

74.8590, 0.5625, 6.2627

Tritanomaly

75.1690, 0.4097, 8.6218

Monochromacy



Original Color

75.1690, 0.4097, 8.6218

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1690, 0.4097, 8.6218 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(85, 70, 76)` looks like.

```
.text, #text, p{  
    color:rgb(85, 70, 76)  
}
```

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(85, 70, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 70, 76) }
```

Border

The CSS property to change the border of an element to YUV 75.1690, 0.4097, 8.6218 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(85, 70, 76) }
```


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

```
.border{ border-color:rgb(85, 70, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 70, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 70, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 70, 76);  
box-shadow:4px 4px 4px 4px rgb(85, 70, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.1690, 0.4097, 8.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 70, 76) }
```

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

```
.background{ background-color: rgb(85, 70,  
76) }
```

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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