

Converting Colors

YUV(75.5240, -4.6953, 12.6955)

Have a look what the booklet for
YUV(75.5240, -4.6953, 12.6955)
contains.

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Color

**YUV(75.5240, -4.6953,
12.6955)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4642
RGB	90, 70, 66
RGB Percent	35%, 27%, 26%
CMY	0.6471, 0.7255, 0.7412
CMYK	0.00, 0.22, 0.27, 0.65
HSL	10°, 15%, 31%
HSV	10°, 27%, 35%
XYZ	7.3900, 6.9473, 6.1057
YIQ	75.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

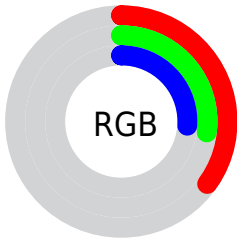
Format	Color
RYB	90, 71, 66
Decimal	5916226
CIELab	31.69, 7.86, 5.67
CIELCh	32, 9.689, 35.792
Yxy	6.9473, 0.3615, 0.3398
Android (android.graphics.Color)	4284106306 (0xFF5A4642)
YUV	75.5240, -4.6953, 12.6955
Hunter-Lab	26.3578, 3.9202, 4.7160

Details

The YUV color **75.5240, -4.6953, 12.6955** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **80.4760, 4.6953, -12.6955**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4210, -5.1376, 14.5398**, and **31.6270, -4.2531, 10.8511** is the 20% darker color. If you saturate the color by 10%, you get **70.3890, -6.6008, 17.1988**, and if you desaturate by 10%, it is **81.2460, -3.0793, 7.6773**.

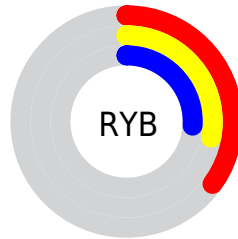
Distribution



Red (35%)

Green (27%)

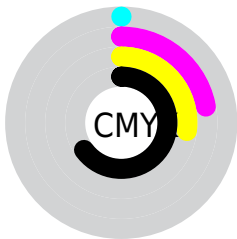
Blue (26%)



Red (35%)

Yellow (28%)

Blue (26%)

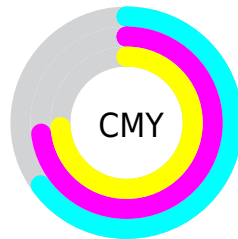


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (65%)



Cyan (65%)

Magenta (73%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5240, -4.6953, 12.6955 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 75.5240, -4.6953, 12.6955 by changing the saturation by 10% instead.

■ 75.5240, -4.6953,
12.6955

■ 75.5240, -4.6953,
12.6955

■ 255.0000, 0.0000,
0.0000

■ 52.9260, -4.4005,
11.4659

■ 124.4210, -5.1376,
14.5398

■ 31.6270, -4.2531,
10.8511

■ 150.3070, -5.5744,
14.6398

■ 7.1760, -3.5378,
14.7546

■ 176.7200, -5.2850,
15.1546

■ 0.0000, 0.0000,
0.0000

■ 204.6060, -5.7218,
15.2545

■ 232.9050, -5.8692,
15.8693

■ 253.7290, -2.3314,

1.1147

■ 75.5240, -4.6953,
12.6955

■ 75.5240, -4.6953,
12.6955

■ 70.3890, -6.6008,
17.1988

■ 81.2460, -3.0793,
7.6773

■ 64.6670, -8.2168,
22.2170

■ 86.3810, -1.1738,
3.1739

■ 58.9450, -9.8329,
27.2352

■ 92.1030, 0.4422,
-1.8443

■ 53.8100, -11.7383,
31.7386

■ 97.2380, 2.3477,
-6.3477

■ 48.6750, -13.6438,
36.2420

■ 102.9600, 3.9637,
-11.3659

■ 42.9530, -15.2598,
41.2602

■ 108.0950, 5.8692,
-15.8693

■ 37.2310, -16.8759,
46.2784

■ 113.8170, 7.4852,
-20.8875

■ 35.7150, -17.6075,
47.6079

■ 118.9520, 9.3907,
-25.3909

■ 124.6740, 11.0067,
-30.4091

Harmonies

Analogous

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



75.7350, -1.3484, 12.5104



75.5240, -4.6953, 12.6955



74.9320, -6.8685, 9.7066

Triad

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



75.5240, -4.6953, 12.6955



72.0760, -2.0095, -8.8367



74.5030, 7.1470, -5.7031

Complementary

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



75.5240, -4.6953, 12.6955



80.4760, 4.6953, -12.6955

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.



72.8720, 7.4581, -12.1657



75.5240, -4.6953, 12.6955



71.7810, 2.0800, -13.8399

Square

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



75.5240, -4.6953, 12.6955



73.1970, -5.5201, -2.8038



71.9810, 5.4324, -15.7693



75.5040, 5.6675, 2.1890

Rectangle

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



75.5240, -4.6953, 12.6955



74.7960, -7.2944, 6.3179



71.9810, 5.4324, -15.7693



74.1930, 7.2999, -8.0623

Sweetspot

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



75.5240, -4.6953, 12.6955



111.2780, -1.6161, 5.0182



75.4560, 5.1982, 12.7551



55.3810, -1.1738, 3.1739



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.



75.5240, -4.6953, 12.6955



94.5850, -7.1904, 19.6580



82.5680, -8.1680, 6.5179



43.0820, -1.0264, 2.5591



43.4560, -21.4238, 58.3591



94.3430, -46.5111, 125.1102

Inverse Universe

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



80.4760, 4.6953, -12.6955



102.4150, 7.1904, -19.6580



73.4320, 8.1680, -6.5179



43.9180, 1.0264, -2.5591



65.9570, 21.7132, -57.8443



143.2440, 46.2217, -125.6250

Previews

White Background



This preview shows how the YUV color 75.5240, -4.6953, 12.6955 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 75.5240, -4.6953, 12.6955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

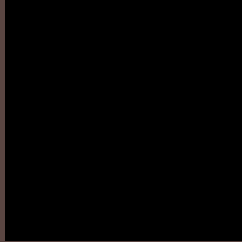
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5240, -4.6953, 12.6955

Background



This preview shows how black text looks on a background with the YUV color 75.5240, -4.6953, 12.6955.



This preview shows how white text looks on a background with the YUV color 75.5240, -4.6953,

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

75.5240, -4.6953, 12.6955

Protanopia

74.5120, -3.2104, 3.0590

Deuteranopia

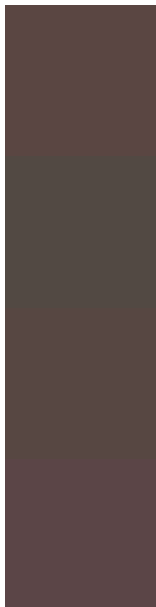
75.2030, -4.5371, 8.5920



Tritanopia

76.1480, -1.0590, 13.0252

Trichromacy



Original Color

75.5240, -4.6953, 12.6955

Protanomaly

75.0070, -3.9475, 6.1329

Deuteranomaly

75.2140, -4.5425, 10.3363

Tritanomaly

75.8060, -2.3694, 13.3251

Monochromacy



Original Color

75.5240, -4.6953, 12.6955

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8650, -1.9054, 4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5240, -4.6953, 12.6955 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(90, 70, 66)` looks like.

```
.text, #text, p{  
    color:rgb(90, 70, 66)  
}
```

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(90, 70, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 70, 66) }
```

Border

The CSS property to change the border of an element to YUV 75.5240, -4.6953, 12.6955 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(90, 70, 66) }
```


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

```
.border{ border-color:rgb(90, 70, 66) }
```

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

Here you see how a box with a 4 pixel rgb(90, 70, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 70, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 70, 66);  
box-shadow:4px 4px 4px 4px rgb(90, 70, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.5240, -4.6953, 12.6955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 70, 66) }
```

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

```
.background{ background-color: rgb(90, 70,  
66) }
```

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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