

Converting Colors

YUV(70.7520, -3.8217, 12.4955)

Have a look what the booklet for
YUV(70.7520, -3.8217, 12.4955)
contains.

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Color

**YUV(70.7520, -3.8217,
12.4955)**

Conversions

Conversions Part 1

Format	Color
Hex	55413F
RGB	85, 65, 63
RGB Percent	33%, 25%, 25%
CMY	0.6667, 0.7451, 0.7529
CMYK	0.00, 0.24, 0.26, 0.67
HSL	5°, 15%, 29%
HSV	5°, 26%, 33%
XYZ	6.5338, 6.0708, 5.5300
YIQ	70.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

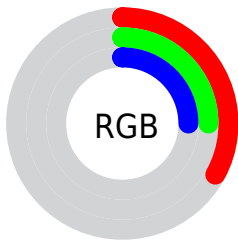
Format	Color
R_YB	85, 65, 63
Decimal	5587263
CIE Lab	29.59, 8.31, 4.54
CIE LCh	30, 9.471, 28.628
Yxy	6.0708, 0.3603, 0.3348
Android (android.graphics.Color)	4283777343 (0xFF55413F)
YUV	70.7520, -3.8217, 12.4955
Hunter-Lab	24.6389, 4.2169, 3.9400

Details

The YUV color **70.7520, -3.8217, 12.4955** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **77.2480, 3.8217, -12.4955**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.3500, -4.1165, 13.7251**, and **26.9690, -2.9427, 10.5512** is the 20% darker color. If you saturate the color by 10%, you get **65.0300, -5.4378, 17.5137**, and if you desaturate by 10%, it is **76.4740, -2.2057, 7.4773**.

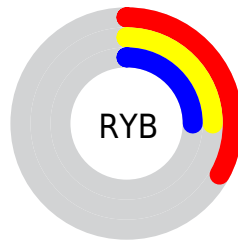
Distribution



Red (33%)

Green (25%)

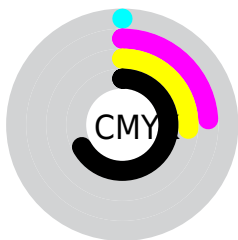
Blue (25%)



Red (33%)

Yellow (25%)

Blue (25%)

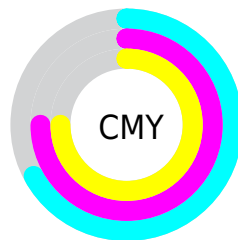


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (67%)



Cyan (67%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.7520, -3.8217, 12.4955 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 70.7520, -3.8217, 12.4955 by changing the saturation by 10% instead.

■ 70.7520, -3.8217,
12.4955

■ 70.7520, -3.8217,
12.4955

■ 255.0000, 0.0000,
0.0000

■ 48.1540, -3.5269,
11.2659

■ 119.3500, -4.1165,
13.7251

■ 26.9690, -2.9427,
10.5512

■ 144.6490, -4.2640,
14.3398

■ 4.7840, -2.3585,
9.8364

■ 171.8340, -4.8482,
15.0546

■ 0.0000, 0.0000,
0.0000

■ 199.1330, -4.9956,
15.6694

■ 227.1330, -4.9956,
15.6694

■ 249.7510, -2.3422,

4.6034

■ 70.7520, -3.8217,
12.4955

■ 70.7520, -3.8217,
12.4955

■ 65.0300, -5.4378,
17.5137

■ 76.4740, -2.2057,
7.4773

■ 60.0090, -6.9064,
21.9171

■ 81.4950, -0.7370,
3.0739

■ 54.4010, -8.0857,
26.8353

■ 87.1030, 0.4422,
-1.8443

■ 48.6790, -9.7017,
31.8535

■ 92.8250, 2.0583,
-6.8625

■ 42.9570, -11.3178,
36.8717

■ 98.4330, 3.2375,
-11.7807

■ 37.9360, -12.7864,
41.2751

■ 103.5680, 5.1430,
-16.2841

■ 32.3280, -13.9657,
46.1933

■ 109.1760, 6.3222,
-21.2024

■ 30.1110, -14.8447,
48.1377

■ 114.8980, 7.9383,
-26.2205

■ 120.5060, 9.1175,
-31.1388

Harmonies

Analogous

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



71.2510, -0.6167, 11.1809



70.7520, -3.8217, 12.4955



70.3450, -6.5791, 10.2214

Triad

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



70.7520, -3.8217, 12.4955



67.5600, -2.7411, -7.5071



68.9050, 7.4418, -6.9327

Complementary

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



70.7520, -3.8217, 12.4955



77.2480, 3.8217, -12.4955

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.



68.0460, 6.8793, -13.1953



70.7520, -3.8217, 12.4955



67.1510, 0.9116, -12.4104

Square

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



70.7520, -3.8217, 12.4955



68.5070, -5.6730, -0.4446



67.0520, 4.4114, -14.9546



70.6070, 6.1097, 0.3447

Rectangle

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



70.7520, -3.8217, 12.4955



69.5080, -7.1524, 7.4475



67.0520, 4.4114, -14.9546



68.5950, 7.5947, -9.2918

Sweetspot

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



70.7520, -3.8217, 12.4955



104.2780, -1.6161, 5.0182



71.8580, 5.4930, 11.5255



52.3810, -1.1738, 3.1739



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.



70.7520, -3.8217, 12.4955



87.9270, -5.8800, 19.3580



77.2090, -7.0050, 6.8327



40.1960, -0.5896, 2.4591



37.8630, -18.6665, 60.6331



82.5920, -40.7179, 133.6618

Inverse Universe

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



77.2480, 3.8217, -12.4955



98.0730, 5.8800, -19.3580



70.7910, 7.0050, -6.8327



41.8040, 0.5896, -2.4591



69.1370, 18.6665, -60.6331



151.8210, 41.0072, -133.1470

Previews

White Background



This preview shows how the YUV color 70.7520, -3.8217, 12.4955 looks on a white background.

Color Contrast Check

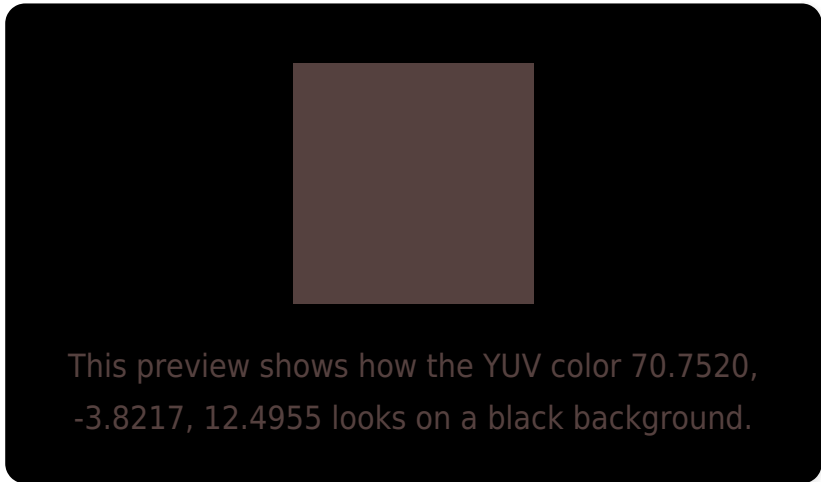
Large Text (above 18pt) WCAG AA ✓ Pass

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

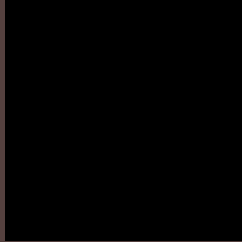
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.7520, -3.8217, 12.4955

Background



This preview shows how black text looks on a background with the YUV color 70.7520, -3.8217, 12.4955.

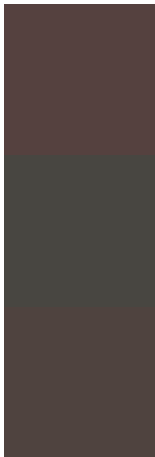


This preview shows how white text looks on a background with the YUV color 70.7520, -3.8217,

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

70.7520, -3.8217, 12.4955

Protanopia

70.0280, -2.4788, 1.7294

Deuteranopia

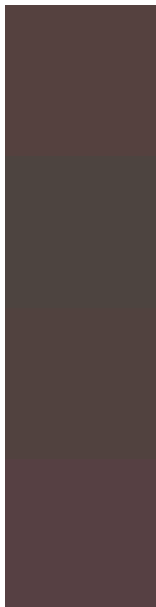
70.1320, -3.5161, 7.7772



Tritanopia

71.1480, -1.0590, 13.0252

Trichromacy



Original Color

70.7520, -3.8217, 12.4955

Protanomaly

70.2350, -3.0739, 5.9329

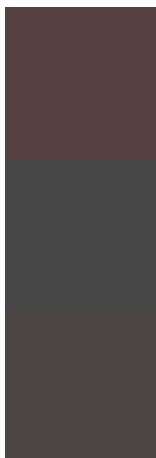
Deuteranomaly

70.1430, -3.5215, 9.5216

Tritanomaly

70.9200, -1.9326, 13.2252

Monochromacy



Original Color

70.7520, -3.8217, 12.4955

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9790, -1.4686, 4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.7520, -3.8217, 12.4955 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, 65, 63)` looks like.

```
.text, #text, p{  
    color:rgb(85, 65, 63)  
}
```

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, 65, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 65, 63) }
```

Border

The CSS property to change the border of an element to YUV 70.7520, -3.8217, 12.4955 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, 65, 63) }
```


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

```
.border{ border-color:rgb(85, 65, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 65, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 65, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 65, 63);  
box-shadow:4px 4px 4px 4px rgb(85, 65, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.7520, -3.8217, 12.4955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 65, 63) }
```

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

```
.background{ background-color: rgb(85, 65,  
63) }
```

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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