

Converting Colors

YUV(70.1760, -3.5378, 14.7546)

Have a look what the booklet for
YUV(70.1760, -3.5378, 14.7546)
contains.

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Color

**YUV(70.1760, -3.5378,
14.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	573F3F
RGB	87, 63, 63
RGB Percent	34%, 25%, 25%
CMY	0.6588, 0.7529, 0.7529
CMYK	0.00, 0.28, 0.28, 0.66
HSL	0°, 16%, 29%
HSV	0°, 28%, 34%
XYZ	6.6052, 5.9401, 5.5011
YIQ	70.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

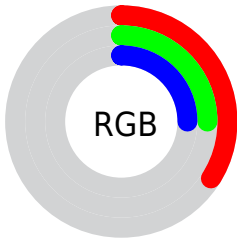
Format	Color
RYB	87, 63, 63
Decimal	5717823
CIELab	29.26, 10.48, 4.10
CIElCh	29, 11.250, 21.371
Yxy	5.9401, 0.3660, 0.3292
Android (android.graphics.Color)	4283907903 (0xFF573F3F)
YUV	70.1760, -3.5378, 14.7546
Hunter-Lab	24.3724, 5.7238, 3.6784

Details

The YUV color **70.1760, -3.5378, 14.7546** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **79.8240, 3.5378, -14.7546**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7740, -3.8326, 15.9842**, and **26.3930, -2.6587, 12.8103** is the 20% darker color. If you saturate the color by 10%, you get **63.8670, -4.8644, 20.2876**, and if you desaturate by 10%, it is **76.4850, -2.2111, 9.2217**.

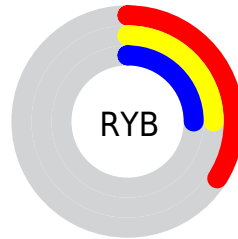
Distribution



Red (34%)

Green (25%)

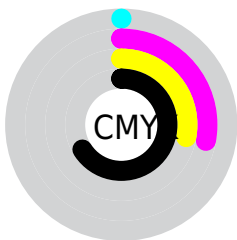
Blue (25%)



Red (34%)

Yellow (25%)

Blue (25%)

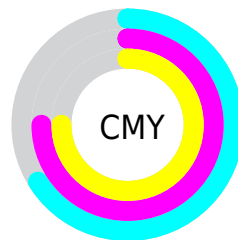


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (66%)



Cyan (66%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1760, -3.5378, 14.7546 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 70.1760, -3.5378, 14.7546 by changing the saturation by 10% instead.

■ 70.1760, -3.5378,
14.7546

■ 70.1760, -3.5378,
14.7546

■ 255.0000, 0.0000,
0.0000

■ 47.5780, -3.2430,
13.5251

■ 118.7740, -3.8326,
15.9842

■ 26.3930, -2.6587,
12.8103

■ 144.3720, -4.1274,
17.2138

■ 5.0830, -2.5059,
10.4512

■ 170.6710, -4.2748,
17.8285

■ 0.0000, 0.0000,
0.0000

■ 198.5570, -4.7116,
17.9285

■ 226.2690, -4.5696,
19.0581

■ 248.5770, -1.7635,

5.6330

■ 70.1760, -3.5378,
14.7546

■ 70.1760, -3.5378,
14.7546

■ 63.8670, -4.8644,
20.2876

■ 76.4850, -2.2111,
9.2217

■ 58.2590, -6.0437,
25.2059

■ 82.0930, -1.0318,
4.3034

■ 51.9500, -7.3704,
30.7388

■ 88.4020, 0.2948,
-1.2296

■ 45.6410, -8.6970,
36.2718

■ 94.7110, 1.6215,
-6.7625

■ 40.0330, -9.8763,
41.1901

■ 100.3190, 2.8007,
-11.6808

■ 33.7240, -11.2029,
46.7231

■ 106.6280, 4.1274,
-17.2138

■ 27.4150, -12.5296,
52.2560

■ 112.9370, 5.4541,
-22.7467

■ 26.0130, -12.8244,
53.4856

■ 119.2460, 6.7807,
-28.2797

■ 124.8540, 7.9600,
-33.1980

Harmonies

Analogous

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



70.6040, 0.6882, 12.6253



70.1760, -3.5378, 14.7546



69.6550, -6.7319, 12.5806

Triad

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



70.1760, -3.5378, 14.7546



67.1040, -4.4883, -7.1072



67.9260, 8.9105, -11.3361

Complementary

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



70.1760, -3.5378, 14.7546



79.8240, 3.5378, -14.7546

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.



66.2520, 7.7638, -16.8840



70.1760, -3.5378, 14.7546



65.9120, 0.0434, -13.9548

Square

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



70.1760, -3.5378, 14.7546



67.7630, -7.2782, 1.0848



65.4430, 4.7116, -17.9285



69.6390, 7.5730, -2.3144

Rectangle

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



70.1760, -3.5378, 14.7546



69.2910, -8.0315, 9.3918



65.4430, 4.7116, -17.9285



66.9150, 8.9159, -13.0805

Sweetspot

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



70.1760, -3.5378, 14.7546



105.6910, -1.3267, 5.5330



72.9120, 6.9454, 12.3552



51.7940, -0.8844, 3.6887



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.



70.1760, -3.5378, 14.7546



86.0630, -5.4541, 22.7467



77.2200, -7.0105, 8.5771



40.1960, -0.5896, 2.4591



31.9930, -15.7725, 65.7811



70.2650, -34.6406, 144.4726

Inverse Universe

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



79.8240, 3.5378, -14.7546



100.9370, 5.4541, -22.7467



72.7800, 7.0105, -8.5771



41.8040, 0.5896, -2.4591



75.0070, 15.7725, -65.7811



164.7350, 34.6406, -144.4726

Previews

White Background



This preview shows how the YUV color 70.1760, -3.5378, 14.7546 looks on a white background.

Color Contrast Check

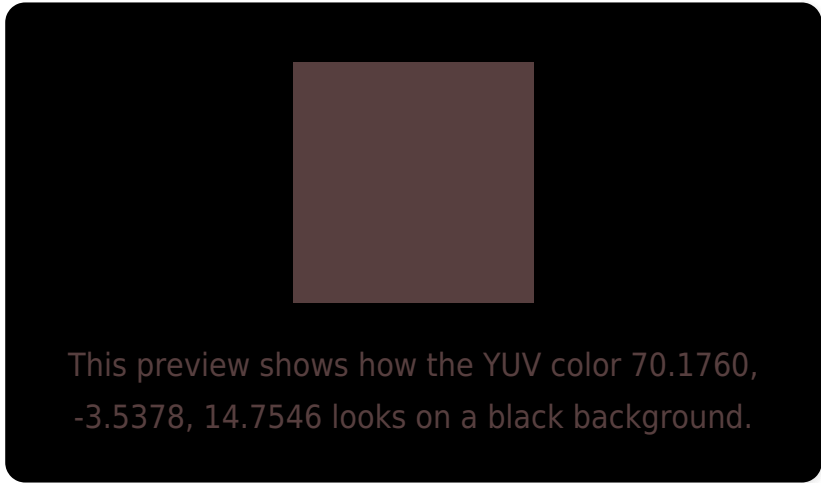
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.1760, -3.5378, 14.7546

Background



This preview shows how black text looks on a background with the YUV color 70.1760, -3.5378, 14.7546.

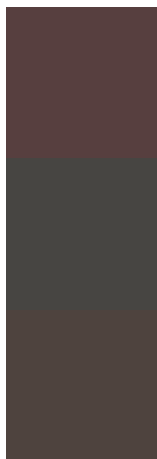


This preview shows how white text looks on a background with the YUV color 70.1760, -3.5378,

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

70.1760, -3.5378, 14.7546

Protanopia

69.2560, -1.6052, 1.5295

Deuteranopia

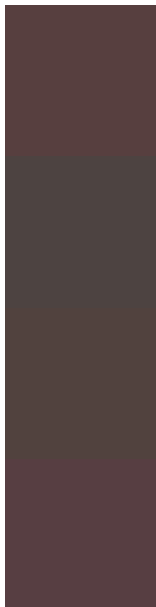
69.7190, -3.8055, 7.2624



Tritanopia

70.0450, -1.5012, 14.8695

Trichromacy



Original Color

70.1760, -3.5378, 14.7546

Protanomaly

69.7620, -2.3477, 6.3477

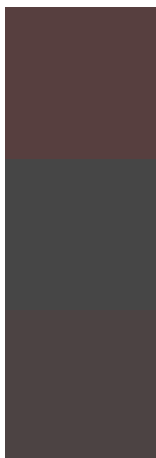
Deuteranomaly

70.0290, -3.9583, 9.6216

Tritanomaly

69.9310, -1.9380, 14.9695

Monochromacy



Original Color

70.1760, -3.5378, 14.7546

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.6910, -1.3267, 5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1760, -3.5378, 14.7546 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, 63)` looks like.

```
.text, #text, p{  
    color:rgb(87, 63, 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(87, 63, 63) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 70.1760, -3.5378, 14.7546 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, 63) }
```


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

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

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, 63) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 70.1760, -3.5378, 14.7546 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, 63) }
```

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

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