

Converting Colors

YUV(79.4760, -12.0667, -3.0485)

Have a look what the booklet for
YUV(79.4760, -12.0667, -3.0485)
contains.

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Color

**YUV(79.4760, -12.0667,
-3.0485)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5637
RGB	76, 86, 55
RGB Percent	30%, 34%, 22%
CMY	0.7020, 0.6627, 0.7843
CMYK	0.12, 0.00, 0.36, 0.66
HSL	79°, 22%, 28%
HSV	79°, 36%, 34%
XYZ	6.9979, 8.4679, 4.8801
YIQ	79.4760, 3.9910, -11.7610

Conversions

Conversions Part 2

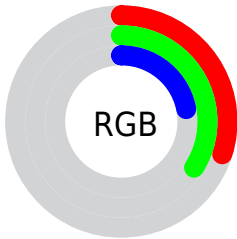
Format	Color
R_{YB}	55, 86, 65
Decimal	5002807
CIE Lab	34.94, -10.00, 16.78
CIE LCh	35, 19.538, 120.794
Yxy	8.4679, 0.3439, 0.4162
Android (android.graphics.Color)	4283192887 (0xFF4C5637)
YUV	79.4760, -12.0667, -3.0485
Hunter-Lab	29.0997, -7.9989, 10.4267

Details

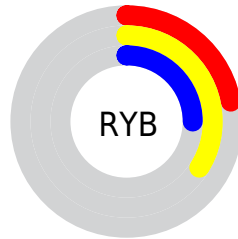
The YUV color $[79.4760, -12.0667, -3.0485]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[61.5240, 12.0667, 3.0485]$, and the grayscale version is $[80.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[128.8350, -13.2297, -3.3633]$, and $[34.7040, -11.1931, -3.2484]$ is the 20% darker color. If you saturate the color by 10%, you get $[77.5530, -15.5556, -3.9930]$, and if you desaturate by 10%, it is $[81.3990, -8.5777, -2.1039]$.

Distribution



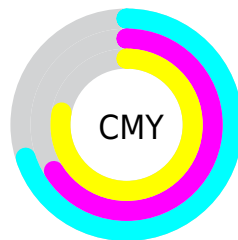
- Red (30%)
- Green (34%)
- Blue (22%)



- Red (22%)
- Yellow (34%)
- Blue (25%)



- Cyan (12%)
- Magenta (0%)
- Yellow (36%)
- Black (66%)



- Cyan (70%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4760, -12.0667, -3.0485 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 79.4760, -12.0667, -3.0485 by changing the saturation by 10% instead.

■ 79.4760, -12.0667,
-3.0485

■ 79.4760, -12.0667,
-3.0485

■ 255.0000, 0.0000,
0.0000

■ 56.5900, -11.6299,
-3.1484

■ 128.8350,
-13.2297, -3.3633

■ 34.7040, -11.1931,
-3.2484

■ 154.7210,
-13.6665, -3.2633

■ 12.9250, -6.3720,
-9.5812

■ 181.6070,
-14.1033, -3.1633

■ 0.0000, 0.0000,
0.0000

■ 209.4930,
-14.5400, -3.0634

■ 237.4930,
-14.5400, -3.0634

■ 252.8340, -8.2992,

1.8996

■ 79.4760, -12.0667,
-3.0485

■ 79.4760, -12.0667,
-3.0485

■ 77.5530, -15.5556,
-3.9930

■ 81.3990, -8.5777,
-2.1039

■ 75.7440, -18.6078,
-5.0375

■ 83.2080, -5.5255,
-1.0594

■ 74.1200, -22.2442,
-5.3672

■ 84.8320, -1.8892,
-0.7297

■ 72.3110, -25.2963,
-6.4117

■ 86.6410, 1.1630,
0.3148

■ 70.3880, -28.7853,
-7.3563

■ 88.5640, 4.6519,
1.2594

■ 68.4650, -32.2742,
-8.3008

■ 90.4870, 8.1409,
2.2039

■ 67.8240, -33.4372,
-8.6156

■ 91.9970, 11.3405,
2.6336

■ 93.9200, 14.8294,
3.5782

■ 95.7290, 17.8816,
4.6227

Harmonies

Analogous

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



80.8690, -14.7254, 9.7619



79.4760, -12.0667, -3.0485



77.1090, -5.4767, -16.7586

Triad

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



79.4760, -12.0667, -3.0485



75.7430, 16.3957, -32.2236



83.9260, -0.9495, 24.6209

Complementary

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



79.4760, -12.0667, -3.0485



61.5240, 12.0667, 3.0485

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.



84.5210, 6.6451, 15.3291



79.4760, -12.0667, -3.0485



80.1410, 16.1995, -15.9097

Square

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



79.4760, -12.0667, -3.0485



72.3740, 12.6336, -38.9160



83.6270, 12.5089, 1.2041



83.3900, -8.0803, 25.0910

Rectangle

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



79.4760, -12.0667, -3.0485



75.0630, 0.9549, -26.3653



83.6270, 12.5089, 1.2041



84.5990, 1.6767, 22.2767

Sweetspot

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



79.4760, -12.0667, -3.0485



109.4360, -4.6519, -1.2594



70.1390, -7.4635, 13.9101



54.6040, -2.7628, -0.5297



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.



79.4760, -12.0667, -3.0485



102.0430, -18.7552, -4.4227



74.9910, -9.8556, -12.2701



42.2450, -1.5998, -0.2149



84.6360, -41.7255, -10.2048



185.4860, -91.4446, -23.2282

Inverse Universe

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



61.5240, 12.0667, 3.0485



74.2560, 18.6078, 5.0375



66.0090, 9.8556, 12.2701



39.7550, 1.5998, 0.2149



22.6630, 41.5781, 10.8195



49.5140, 91.4446, 23.2282

Previews

White Background



This preview shows how the YUV color 79.4760, -12.0667, -3.0485 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 79.4760, -12.0667, -3.0485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

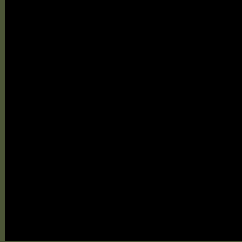
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4760, -12.0667, -3.0485

Background



This preview shows how black text looks on a background with the YUV color 79.4760, -12.0667, -3.0485.



This preview shows how white text looks on a background with the YUV color 79.4760, -12.0667, -3.0485.

-3.0485.

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

79.4760, -12.0667, -3.0485

Protanopia

80.7870, -13.6990, 7.2028

Deuteranopia

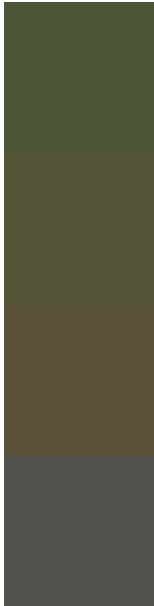
82.1730, -12.4103, 13.8803



Tritanopia

82.0860, 2.9156, -1.8294

Trichromacy



Original Color

79.4760, -12.0667, -3.0485

Protanomaly

79.9930, -12.8145, 3.5141

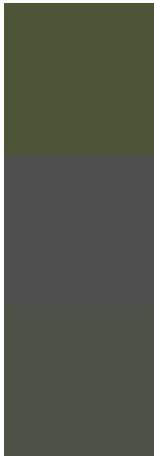
Deuteranomaly

81.4280, -12.5360, 7.5176

Tritanomaly

81.0060, -2.4680, -1.7593

Monochromacy



Original Color

79.4760, -12.0667, -3.0485

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.4360, -4.6519, -1.2594

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4760, -12.0667, -3.0485 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(76, 86, 55)` looks like.

```
.text, #text, p{  
    color:rgb(76, 86, 55)  
}
```

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(76, 86, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 86, 55) }
```

Border

The CSS property to change the border of an element to YUV 79.4760, -12.0667, -3.0485 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(76, 86, 55) }
```


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

```
.border{ border-color:rgb(76, 86, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 86, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 86, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 86, 55);  
box-shadow:4px 4px 4px 4px rgb(76, 86, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.4760, -12.0667, -3.0485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 86, 55) }
```

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

```
.background{ background-color: rgb(76, 86,  
55) }
```

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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