

Converting Colors

YUV(108.3460, 5.2524, -4.6884)

Have a look what the booklet for
YUV(108.3460, 5.2524, -4.6884)
contains.

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Color

**YUV(108.3460, 5.2524,
-4.6884)**

Conversions

Conversions Part 1	
Format	Color
Hex	676D77
RGB	103, 109, 119
RGB Percent	40%, 43%, 47%
CMY	0.5961, 0.5725, 0.5333
CMYK	0.13, 0.08, 0.00, 0.53
HSL	218°, 7%, 44%
HSV	218°, 13%, 47%
XYZ	14.3919, 15.1528, 19.6190
YIQ	108.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

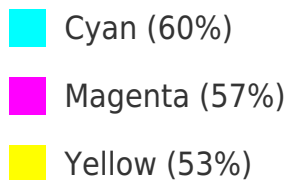
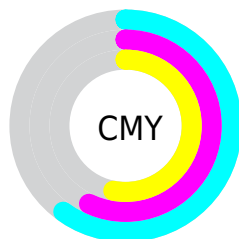
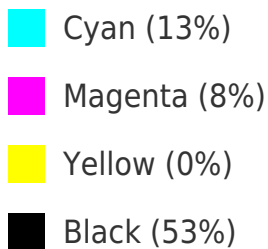
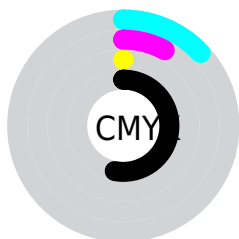
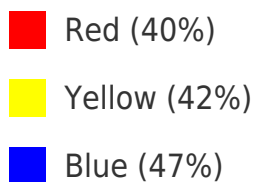
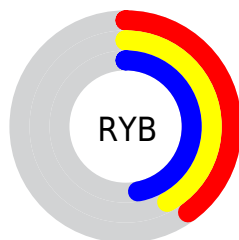
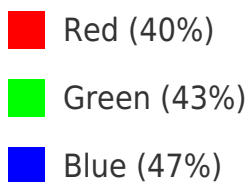
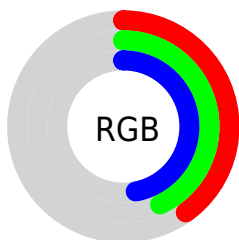
Format	Color
RYB	103, 107, 119
Decimal	6778231
CIELab	45.84, -0.06, -6.34
CIELCh	46, 6.338, 269.425
Yxy	15.1528, 0.2927, 0.3082
Android (android.graphics.Color)	4284968311 (0xFF676D77)
YUV	108.3460, 5.2524, -4.6884
Hunter-Lab	38.9265, -2.1264, -2.6336

Details

The YUV color `108.3460, 5.2524, -4.6884` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `113.6540, -5.2524, 4.6884`, and the grayscale version is `108.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `159.4600, 5.6892, -4.7884`, and `61.2320, 4.8156, -4.5885` is the 20% darker color. If you saturate the color by 10%, you get `100.6490, 9.0470, -8.4622`, and if you desaturate by 10%, it is `116.0430, 1.4578, -0.9147`.

Distribution




Brightness & Saturation

Gradients


These gradients show how the YUV color 108.3460, 5.2524, -4.6884 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 108.3460, 5.2524, -4.6884 by changing the saturation by 10% instead.


 108.3460, 5.2524,
-4.6884

 108.3460, 5.2524,
-4.6884


255.0000, 0.0000,
0.0000


 84.2320, 4.8156,
-4.5885


 159.4600, 5.6892,
-4.7884


 61.2320, 4.8156,
-4.5885


 186.4600, 5.6892,
-4.7884

 39.1180, 4.3788,
-4.4885


 214.4600, 5.6892,
-4.7884

 18.1180, 4.3788,
-4.4885

 243.1610, 5.8366,
-5.4032

 0.0000, 0.0000,
0.0000

 108.3460, 5.2524,

 108.3460, 5.2524,

-4.6884

-4.6884

■ 100.6490, 9.0470,
-8.4622

■ 116.0430, 1.4578,
-0.9147

■ 92.3650, 13.1311,
-11.7211

■ 124.3270, -2.6262,
2.3442

■ 84.6680, 16.9257,
-15.4948

■ 132.0240, -6.4208,
6.1180

■ 76.3840, 21.0097,
-18.7538

■ 140.3080,
-10.5048, 9.3769

■ 68.9860, 24.6569,
-21.9127

■ 148.0050,
-14.2995, 13.1506

■ 60.7020, 28.7409,
-25.1717

■ 155.9900,
-18.2361, 15.7948

■ 53.0050, 32.5355,
-28.9454

■ 163.6870,
-22.0307, 19.5685

■ 44.7210, 36.6195,
-32.2043

■ 171.9710,
-26.1147, 22.8274

■ 39.9810, 38.9564,
-35.0633

■ 179.6680,
-29.9093, 26.6012

Harmonies

Analogous

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



107.7970, 4.5371, -8.5920



108.3460, 5.2524, -4.6884



109.1510, 4.3626, 0.7446

Triad

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



108.3460, 5.2524, -4.6884



109.3710, -2.6479, 9.3216



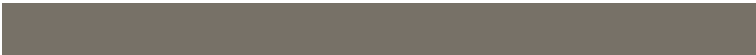
107.0980, -2.0203, -5.3479

Complementary

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



108.3460, 5.2524, -4.6884



113.6540, -5.2524, 4.6884

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.



107.8490, -4.3626, -0.7446



108.3460, 5.2524, -4.6884



108.9040, -4.3897, 7.9772

Square

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



108.3460, 5.2524, -4.6884



109.6420, -0.3165, 8.2070



108.3550, -5.1050, 4.0737



107.0590, 0.4639, -8.8217

Rectangle

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



108.3460, 5.2524, -4.6884



109.4180, 2.7519, 4.0184



108.3550, -5.1050, 4.0737



107.5820, -2.7519, -4.0184

Sweetspot

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



108.3460, 5.2524, -4.6884



151.5590, 2.1894, -2.2442



113.5320, -0.2623, -9.2366



76.6300, 1.1684, -1.4295



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



108.3460, 5.2524, -4.6884



139.1330, 8.3154, -7.1326



105.4220, 6.6940, -0.3701



54.8580, 2.0420, -1.6295



40.9100, 39.9774, -35.8781



83.6780, 81.9967, -73.3856

Inverse Universe

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



108.4680, 0.2623, 9.2366



139.5010, 0.2460, 14.4696



116.5780, -6.6940, 0.3701



55.0220, -0.0108, 3.4887



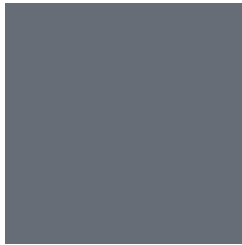
41.7220, 2.1091, 70.4038



85.4660, 4.2073, 144.2963

Previews

White Background



This preview shows how the YUV color 108.3460, 5.2524, -4.6884 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 × Fail

Black Background



This preview shows how the YUV color 108.3460, 5.2524, -4.6884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

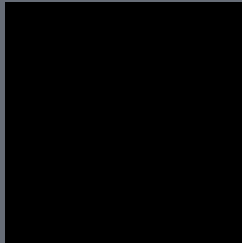
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

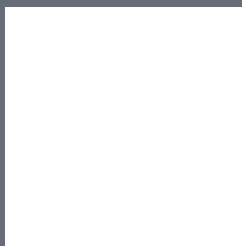
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 108.3460, 5.2524, -4.6884

Background



This preview shows how black text looks on a background with the YUV color 108.3460, 5.2524, -4.6884.



This preview shows how white text looks on a background with the YUV color 108.3460, 5.2524,

-4.6884.

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

108.3460, 5.2524, -4.6884

Protanopia

109.1400, 4.3680, -0.9998

Deuteranopia

109.4010, 5.2253, 4.0333



Tritanopia

108.2320, 4.8156, -4.5885

Trichromacy



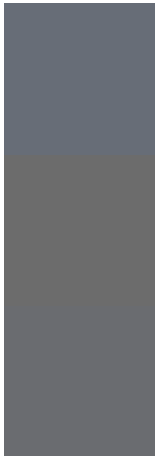
Original Color
108.3460, 5.2524, -4.6884

Protanomaly
108.5420, 4.6628, -2.2293

Deuteranomaly
108.7920, 5.5255, 1.0594

Tritanomaly
108.2320, 4.8156, -4.5885

Monochromacy



Original Color
108.3460, 5.2524, -4.6884

Achromatopsia
108.0000, 0.0000, 0.0000

Achromatomaly
107.8580, 2.0420, -1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3460, 5.2524, -4.6884 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(103, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(103, 109, 119)  
}
```

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(103, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 109, 119) }
```

Border

The CSS property to change the border of an element to YUV 108.3460, 5.2524, -4.6884 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(103, 109, 119) }
```


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

```
.border{ border-color:rgb(103, 109, 119) }
```

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

Here you see how a box with a 4 pixel rgb(103, 109, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(103, 109,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 108.3460, 5.2524, -4.6884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 109, 119) }
```

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

```
.background{ background-color: rgb(103,  
109, 119) }
```

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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