

Converting Colors

YUV(115.8060, -5.8204, 0.1701)

Have a look what the booklet for
YUV(115.8060, -5.8204, 0.1701)
contains.

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Color

**YUV(115.8060, -5.8204,
0.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	747668
RGB	116, 118, 104
RGB Percent	45%, 46%, 41%
CMY	0.5451, 0.5373, 0.5922
CMYK	0.02, 0.00, 0.12, 0.54
HSL	69°, 6%, 44%
HSV	69°, 12%, 46%
XYZ	16.1796, 17.6693, 15.6545
YIQ	115.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

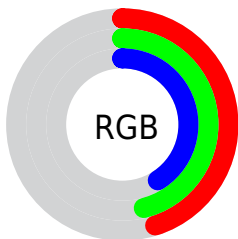
Format	Color
RYB	104, 118, 106
Decimal	7632488
CIELab	49.09, -3.47, 7.45
CIElCh	49, 8.220, 114.933
Yxy	17.6693, 0.3268, 0.3569
Android (android.graphics.Color)	4285822568 (0xFF747668)
YUV	115.8060, -5.8204, 0.1701
Hunter-Lab	42.0349, -4.8550, 7.3439

Details

The YUV color **115.8060, -5.8204, 0.1701** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.1940, 5.8204, -0.1701**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6920, -6.2572, 0.2701**, and **67.9200, -5.3836, 0.0702** is the 20% darker color. If you saturate the color by 10%, you get **113.8400, -10.7671, 0.1403**, and if you desaturate by 10%, it is **117.7720, -0.8736, 0.2000**.

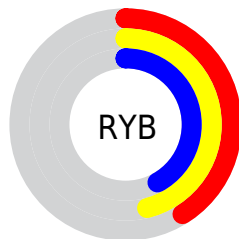
Distribution



Red (45%)

Green (46%)

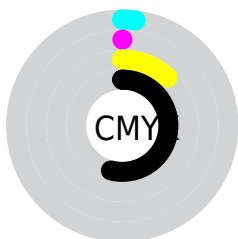
Blue (41%)



Red (41%)

Yellow (46%)

Blue (42%)

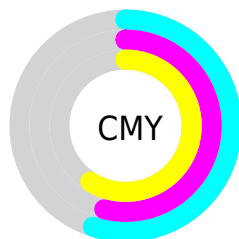


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (54%)



Cyan (55%)

Magenta (54%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8060, -5.8204, 0.1701 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 115.8060, -5.8204, 0.1701 by changing the saturation by 10% instead.

■ 115.8060, -5.8204,
0.1701

■ 115.8060, -5.8204,
0.1701

■ 255.0000, 0.0000,
0.0000

■ 90.9200, -5.3836,
0.0702

■ 167.6920, -6.2572,
0.2701

■ 67.9200, -5.3836,
0.0702

■ 194.6920, -6.2572,
0.2701

■ 45.9200, -5.3836,
0.0702

■ 222.6920, -6.2572,
0.2701

■ 24.9200, -5.3836,
0.0702

■ 251.5780, -6.6940,
0.3701

■ 0.0000, 0.0000,
0.0000

■ 115.8060, -5.8204,

■ 115.8060, -5.8204,

0.1701

■ 113.8400,
-10.7671, 0.1403

■ 112.1730,
-15.8613, 0.7253

■ 110.3210,
-20.3713, 0.5955

■ 108.3550,
-25.3180, 0.5657

■ 106.6880,
-30.4122, 1.1506

■ 104.7220,
-35.3589, 1.1208

■ 102.7560,
-40.3057, 1.0910

■ 101.2030,
-44.9631, 1.5760

0.1701

■ 117.7720, -0.8736,
0.2000

■ 119.4390, 4.2206,
-0.3850

■ 121.2910, 8.7305,
-0.2552

■ 123.2570, 13.6773,
-0.2254

■ 124.9240, 18.7715,
-0.8103

■ 126.8900, 23.7182,
-0.7805

■ 128.8560, 28.6650,
-0.7507

■ 130.4090, 33.3224,
-1.2357

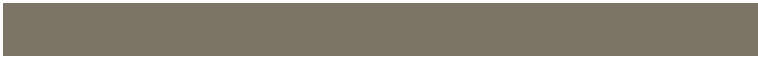
■ 99.4650, -49.0362,
1.3462

■ 132.3750, 38.2691,
-1.2059

Harmonies

Analogous

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



116.9100, -6.8576, 6.2179



115.8060, -5.8204, 0.1701



115.0440, -3.4727, -6.1776

Triad

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



115.8060, -5.8204, 0.1701



115.2310, 6.2951, -12.4806



118.0660, -0.0325, 10.4661

Complementary

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



115.8060, -5.8204, 0.1701



106.1940, 5.8204, -0.1701

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.



117.9560, 3.4727, 6.1776



115.8060, -5.8204, 0.1701



116.3780, 6.7156, -7.3475

Square

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



115.8060, -5.8204, 0.1701



114.5360, 3.6798, -13.6251



117.1940, 5.8204, -0.1701



117.8660, -3.3849, 12.3955

Rectangle

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



115.8060, -5.8204, 0.1701



115.0050, -0.9885, -9.6514



117.1940, 5.8204, -0.1701



117.9950, 0.9885, 9.6514

Sweetspot

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



115.8060, -5.8204, 0.1701



152.0170, -2.4734, -0.0149



109.3600, -2.6425, 7.5773



76.2450, -1.5998, -0.2149



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



115.8060, -5.8204, 0.1701



149.7090, -8.7305, 0.2552



113.7130, -4.7885, -4.1333



58.0170, -2.4734, -0.0149



103.0090, -50.7834, 1.7461



210.7360, -103.8928, 2.8625

Inverse Universe

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



106.1940, 5.8204, -0.1701



135.2910, 8.7305, -0.2552



108.2870, 4.7885, 4.1333



53.9830, 2.4734, 0.0149



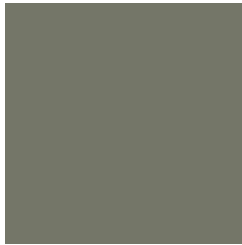
18.9910, 50.7834, -1.7461



39.2640, 103.8928, -2.8625

Previews

White Background



This preview shows how the YUV color 115.8060, -5.8204, 0.1701 looks on a white background.

Color Contrast Check

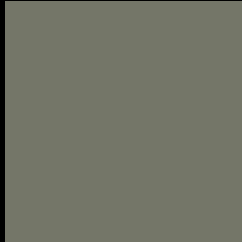
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8060, -5.8204, 0.1701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

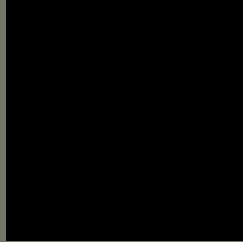
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.8060, -5.8204, 0.1701

Background



This preview shows how black text looks on a background with the YUV color 115.8060, -5.8204, 0.1701.



This preview shows how white text looks on a background with the YUV color 115.8060, -5.8204,

0.1701.

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

115.8060, -5.8204, 0.1701

Protanopia

116.3120, -6.5628, 4.9884

Deuteranopia

117.1820, -6.0057, 12.9954



Tritanopia

117.2220, 3.3416, 1.5593

Trichromacy



Original Color

115.8060, -5.8204, 0.1701

Protanomaly

116.3010, -6.5574, 3.2440

Deuteranomaly

116.5620, -5.7001, 8.2771

Tritanomaly

116.7120, 0.1420, 1.1296

Monochromacy



Original Color

115.8060, -5.8204, 0.1701

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8060, -5.8204, 0.1701 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(116, 118, 104)` looks like.

```
.text, #text, p{  
    color:rgb(116, 118, 104)  
}
```

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(116, 118, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 118, 104) }
```

Border

The CSS property to change the border of an element to YUV 115.8060, -5.8204, 0.1701 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(116, 118, 104) }
```


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

```
.border{ border-color:rgb(116, 118, 104) }
```

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

Here you see how a box with a 4 pixel rgb(116, 118, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 118, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 118, 104);  
box-shadow:4px 4px 4px 4px rgb(116, 118,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 115.8060, -5.8204, 0.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 118, 104) }
```

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

```
.background{ background-color: rgb(116,  
118, 104) }
```

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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