

Converting Colors

YUV(106.4060, -6.1162,
-45.0831)

Have a look what the booklet for
YUV(106.4060, -6.1162, -45.0831)
contains.

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Color

**YUV(106.4060, -6.1162,
-45.0831)**

Conversions

Conversions Part 1

Format	Color
Hex	37875E
RGB	55, 135, 94
RGB Percent	22%, 53%, 37%
CMY	0.7843, 0.4706, 0.6314
CMYK	0.59, 0.00, 0.30, 0.47
HSL	149°, 42%, 37%
HSV	149°, 59%, 53%
XYZ	12.2599, 18.9483, 13.6009
YIQ	106.4060, -34.5190, -29.7110

Conversions

Conversions Part 2

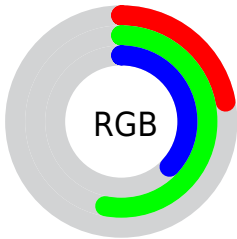
Format	Color
RYB	55, 109, 135
Decimal	3639134
CIELab	50.63, -34.55, 14.90
CIElCh	51, 37.628, 156.678
Yxy	18.9483, 0.2736, 0.4229
Android (android.graphics.Color)	4281829214 (0xFF37875E)
YUV	106.4060, -6.1162, -45.0831
Hunter-Lab	43.5297, -25.9033, 11.9455

Details

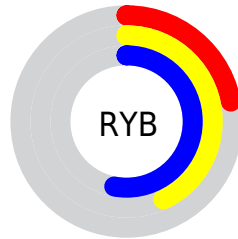
The YUV color **106.4060, -6.1162, -45.0831** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **83.5940, 6.1162, 45.0831**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0640, -7.4266, -44.7831**, and **54.7800, -3.3425, -48.0421** is the 20% darker color. If you saturate the color by 10%, you get **101.7210, -7.2575, -52.3753**, and if you desaturate by 10%, it is **111.3900, -5.1223, -37.1760**.

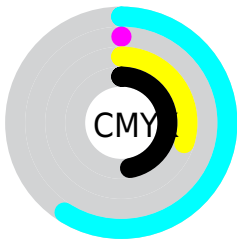
Distribution



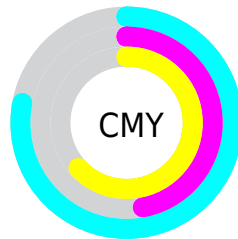
- Red (22%)
- Green (53%)
- Blue (37%)



- Red (22%)
- Yellow (43%)
- Blue (53%)



- Cyan (59%)
- Magenta (0%)
- Yellow (30%)
- Black (47%)



- Cyan (78%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.4060, -6.1162, -45.0831 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 106.4060, -6.1162, -45.0831 by changing the saturation by 10% instead.

■ 106.4060, -6.1162,
-45.0831

■ 106.4060, -6.1162,
-45.0831

■ 255.0000, 0.0000,
0.0000

■ 79.1390, -4.5055,
-48.3569

■ 160.0640, -7.4266,
-44.7831

■ 54.7800, -3.3425,
-48.0421

■ 187.5370, -8.1527,
-45.1979

■ 38.1840, -6.0067,
-33.4874

■ 216.0100, -8.8789,
-45.6128

■ 23.0070, -10.8495,
-20.1771

■ 232.9710, -2.9437,
-35.9316

■ 2.3480, -1.1576,
-2.0592

■ 244.8340, 5.0118,
-20.9024

■ 0.0000, 0.0000,
0.0000

■ 253.5050, 0.7370,

-3.0739

■ 106.4060, -6.1162,
-45.0831

■ 106.4060, -6.1162,
-45.0831

■ 101.7210, -7.2575,
-52.3753

■ 111.3900, -5.1223,
-37.1760

■ 96.7370, -8.2513,
-60.2823

■ 116.0750, -3.9810,
-29.8838

■ 92.0520, -9.3926,
-67.5746

■ 121.0590, -2.9871,
-21.9767

■ 87.0680, -10.3865,
-75.4816

■ 125.7440, -1.8458,
-14.6845

■ 86.7690, -10.2391,
-76.0964

■ 130.7280, -0.8519,
-6.7775

■ 135.4130, 0.2894,
0.5148

■ 140.2830, 0.8465,
8.5218

■ 144.9680, 1.9878,
15.8141

■ 149.9520, 2.9817,
23.7211

Harmonies

Analogous

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



113.5490, -22.9487, -12.7595



106.4060, -6.1162, -45.0831



94.8970, 15.8268, -83.2247

Triad

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



106.4060, -6.1162, -45.0831



115.9230, 33.5620, -31.5045



120.9110, -18.1971, 50.0671

Complementary

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



106.4060, -6.1162, -45.0831



83.5940, 6.1162, 45.0831

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.



122.4070, -3.6517, 51.3861



106.4060, -6.1162, -45.0831



123.3580, 23.9805, 8.4560

Square

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



106.4060, -6.1162, -45.0831



97.3030, 40.2766, -85.3347



123.9180, 11.3794, 36.9059



119.4780, -28.3367, 35.5378

Rectangle

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



106.4060, -6.1162, -45.0831



97.2910, 24.9995, -85.3242



123.9180, 11.3794, 36.9059



120.7740, -13.6926, 51.9412

Sweetspot

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



106.4060, -6.1162, -45.0831



164.6080, -2.2717, -18.0732



114.2190, -29.1950, -15.9781



82.1790, -1.5672, -10.6810



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



106.4060, -6.1162, -45.0831



131.3290, -9.5292, -70.4485



110.9660, 11.3558, -49.0822



63.8640, -0.4260, -3.3887



83.4920, -10.1026, -73.2225



1.8750, -0.4314, -1.6444

Inverse Universe

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



83.5940, 6.1162, 45.0831



95.6710, 9.5292, 70.4485



79.0340, -11.3558, 49.0822



62.1360, 0.4260, 3.3887



46.5080, 10.1026, 73.2225



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 106.4060, -6.1162, -45.0831 looks on a white 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

Black Background



This preview shows how the YUV color 106.4060, -6.1162, -45.0831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

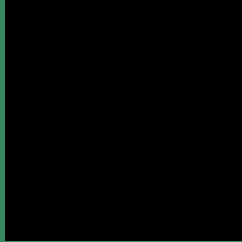
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 106.4060, -6.1162, -45.0831

Background



This preview shows how black text looks on a background with the YUV color 106.4060, -6.1162, -45.0831.



This preview shows how white text looks on a background with the YUV color 106.4060, -6.1162, -45.0831.

-45.0831.

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

106.4060, -6.1162, -45.0831

Protanopia

118.9290, -15.7410, 8.8323

Deuteranopia

120.2380, -10.9633, 16.4543



Tritanopia

112.3140, 13.6492, -37.9864

Trichromacy



Original Color

106.4060, -6.1162, -45.0831

Protanomaly

114.1330, -11.8976, -10.6406

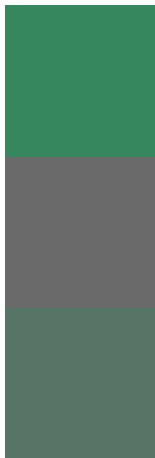
Deuteranomaly

114.9640, -8.8563, -6.1074

Tritanomaly

110.0550, 6.3819, -40.3902

Monochromacy



Original Color

106.4060, -6.1162, -45.0831

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.3200, -2.1298, -16.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4060, -6.1162, -45.0831 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(55, 135, 94)` looks like.

```
.text, #text, p{  
    color:rgb(55, 135, 94)  
}
```

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(55, 135, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 135, 94) }
```

Border

The CSS property to change the border of an element to YUV 106.4060, -6.1162, -45.0831 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(55, 135, 94) }
```


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

```
.border{ border-color:rgb(55, 135, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 135, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 135, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 135, 94);  
box-shadow:4px 4px 4px 4px rgb(55, 135,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 106.4060, -6.1162, -45.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 135, 94) }
```

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

```
.background{ background-color: rgb(55, 135,  
94) }
```

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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