

Converting Colors

YUV(132.9460, -11.8054,
-40.2946)

Have a look what the booklet for
YUV(132.9460, -11.8054, -40.2946)
contains.

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Color

**YUV(132.9460, -11.8054,
-40.2946)**

Conversions

Conversions Part 1

Format	Color
Hex	57A16D
RGB	87, 161, 109
RGB Percent	34%, 63%, 43%
CMY	0.6588, 0.3686, 0.5725
CMYK	0.46, 0.00, 0.32, 0.37
HSL	138°, 30%, 49%
HSV	138°, 46%, 63%
XYZ	19.4357, 28.6201, 18.9679
YIQ	132.9460, -27.4120, -31.8600

Conversions

Conversions Part 2

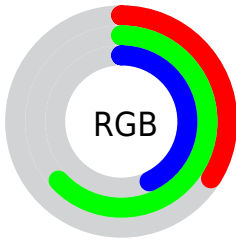
Format	Color
RYB	87, 144, 161
Decimal	5742957
CIELab	60.44, -34.93, 20.10
CIElCh	60, 40.304, 150.081
Yxy	28.6201, 0.2900, 0.4270
Android (android.graphics.Color)	4283933037 (0xFF57A16D)
YUV	132.9460, -11.8054, -40.2946
Hunter-Lab	53.4978, -28.7723, 16.4269

Details

The YUV color **132.9460, -11.8054, -40.2946** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **115.0540, 11.8054, 40.2946**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3050, -12.9684, -40.6095**, and **80.5050, -9.6160, -42.5389** is the 20% darker color. If you saturate the color by 10%, you get **126.9080, -14.2516, -49.0313**, and if you desaturate by 10%, it is **138.9840, -9.3591, -31.5580**.

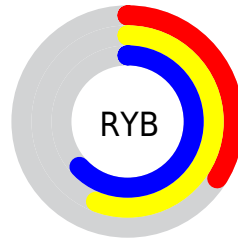
Distribution



Red (34%)

Green (63%)

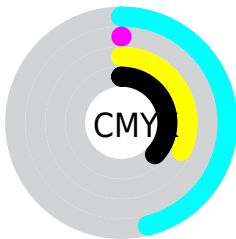
Blue (43%)



Red (34%)

Yellow (56%)

Blue (63%)

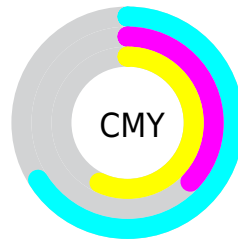


Cyan (46%)

Magenta (0%)

Yellow (32%)

Black (37%)



Cyan (66%)

Magenta (37%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.9460, -11.8054, -40.2946 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 132.9460, -11.8054, -40.2946 by changing the saturation by 10% instead.

■ 132.9460,
-11.8054, -40.2946

■ 132.9460,
-11.8054, -40.2946

■ 255.0000, 0.0000,
0.0000

■ 106.1740,
-10.9318, -40.4946

■ 187.3050,
-12.9684, -40.6095

■ 80.5050, -9.6160,
-42.5389

■ 215.4790,
-13.5471, -41.6391

■ 53.7540, -7.2737,
-47.1423

■ 232.9130, -8.3381,
-32.3727

■ 37.1580, -9.9379,
-32.5876

■ 244.7760, -0.3826,
-17.3436

■ 22.8930, -11.2862,
-20.0772

■ 254.7010, 0.1474,
-0.6148

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,

0.0000

■ 132.9460,
-11.8054, -40.2946

■ 132.9460,
-11.8054, -40.2946

■ 126.9080,
-14.2516, -49.0313

■ 138.9840, -9.3591,
-31.5580

■ 120.7560,
-17.1347, -57.6680

■ 145.1360, -6.4760,
-22.9213

■ 114.7180,
-19.5810, -66.4047

■ 151.1740, -4.0298,
-14.1846

■ 108.6800,
-22.0272, -75.1414

■ 157.2120, -1.5835,
-5.4479

■ 102.5280,
-24.9103, -83.7781

■ 163.6630, 1.1521,
3.8035

■ 99.9790, -25.6256,
-87.6816

■ 169.7010, 3.5984,
12.5402

■ 175.7390, 6.0447,
21.2769

■ 181.8910, 8.9277,
29.9136

■ 187.9290, 11.3740,
38.6503

Harmonies

Analogous

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



138.9150, -28.0591, -6.9415



132.9460, -11.8054, -40.2946



113.3960, 15.5808, -97.6943

Triad

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



132.9460, -11.8054, -40.2946



138.1000, 38.4047, -44.8147



146.5960, -17.0558, 57.3593

Complementary

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



132.9460, -11.8054, -40.2946



115.0540, 11.8054, 40.2946

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.



148.5260, -0.7523, 54.7897



132.9460, -11.8054, -40.2946



147.9810, 29.0964, 0.8937

Square

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



132.9460, -11.8054, -40.2946



116.9310, 44.4040, -102.5485



150.3460, 15.6054, 34.7766



145.1910, -29.6742, 44.5595

Rectangle

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



132.9460, -11.8054, -40.2946



115.5340, 26.3587, -101.3233



150.3460, 15.6054, 34.7766



147.2740, -11.9671, 58.5187

Sweetspot

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



132.9460, -11.8054, -40.2946



198.0490, -4.4612, -15.8290



146.2850, -29.2275, -5.5119



98.1360, -3.0250, -9.7663



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



132.9460, -11.8054, -40.2946



165.3810, -18.4288, -62.6011



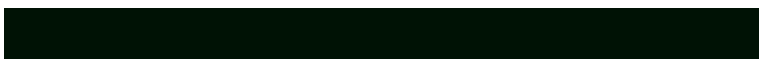
137.0500, 3.9194, -43.8938



78.6250, -1.2941, -4.9331



90.0170, -23.1794, -78.9449



11.1360, -3.0250, -9.7663

Inverse Universe

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



115.0540, 11.8054, 40.2946



137.6190, 18.4288, 62.6011



110.9500, -3.9194, 43.8939



76.3750, 1.2941, 4.9331



54.9830, 23.1794, 78.9449



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 132.9460, -11.8054, -40.2946 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 132.9460, -11.8054, -40.2946 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 132.9460, -11.8054, -40.2946 Background



This preview shows how black text looks on a background with the YUV color 132.9460, -11.8054, -40.2946.



This preview shows how white text looks on a background with the YUV color 132.9460, -11.8054, -40.2946.

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

132.9460, -11.8054, -40.2946

Protanopia

143.3870, -20.4038, 11.0616

Deuteranopia

145.1200, -15.3422, 20.9428



Tritanopia

139.2220, 13.2016, -34.3977

Trichromacy



Original Color

132.9460, -11.8054, -40.2946

Protanomaly

139.7760, -17.1446, -7.6966

Deuteranomaly

140.6180, -14.1087, -1.4190

Tritanomaly

137.0940, 3.8977, -36.9164

Monochromacy



Original Color

132.9460, -11.8054, -40.2946

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7610, -4.3192, -14.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.9460, -11.8054, -40.2946 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, 161, 109)` looks like.

```
.text, #text, p{  
    color:rgb(87, 161, 109)  
}
```

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, 161, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 161, 109) }
```

Border

The CSS property to change the border of an element to YUV 132.9460, -11.8054, -40.2946 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, 161, 109) }
```


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

```
.border{ border-color:rgb(87, 161, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 161, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 161, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 161, 109);  
box-shadow:4px 4px 4px 4px rgb(87, 161,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 132.9460, -11.8054, -40.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 161, 109) }
```

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

```
.background{ background-color: rgb(87, 161,  
109) }
```

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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