

Converting Colors

YUV(140.4470, -15.0104,
-38.9800)

Have a look what the booklet for
YUV(140.4470, -15.0104, -38.9800)
contains.

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Color

**YUV(140.4470, -15.0104,
-38.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	60A96E
RGB	96, 169, 110
RGB Percent	38%, 66%, 43%
CMY	0.6235, 0.3373, 0.5686
CMYK	0.43, 0.00, 0.35, 0.34
HSL	132°, 30%, 52%
HSV	132°, 43%, 66%
XYZ	21.8263, 31.9885, 19.7759
YIQ	140.4470, -24.5690, -33.8250

Conversions

Conversions Part 2

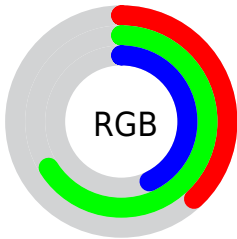
Format	Color
RYB	96, 157, 169
Decimal	6334830
CIELab	63.33, -35.77, 23.52
CIElCh	63, 42.808, 146.675
Yxy	31.9885, 0.2966, 0.4347
Android (android.graphics.Color)	4284524910 (0xFF60A96E)
YUV	140.4470, -15.0104, -38.9800
Hunter-Lab	56.5584, -30.0927, 18.8599

Details

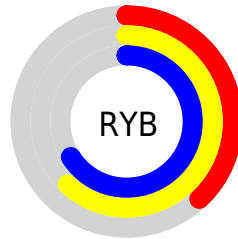
The YUV color **140.4470, -15.0104, -38.9800** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **124.5530, 15.0104, 38.9800**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.3930, -16.4627, -39.8097**, and **87.7180, -12.6790, -40.0947** is the 20% darker color. If you saturate the color by 10%, you get **133.7680, -18.6196, -48.0315**, and if you desaturate by 10%, it is **147.1260, -11.4011, -29.9285**.

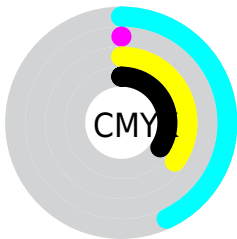
Distribution



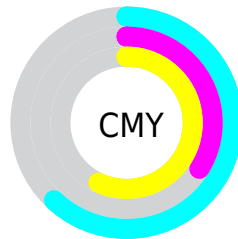
- Red (38%)
- Green (66%)
- Blue (43%)



- Red (38%)
- Yellow (62%)
- Blue (66%)



- Cyan (43%)
- Magenta (0%)
- Yellow (35%)
- Black (34%)



- Cyan (62%)
- Magenta (34%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.4470, -15.0104, -38.9800 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 140.4470, -15.0104, -38.9800 by changing the saturation by 10% instead.

■ 140.4470,
-15.0104, -38.9800

■ 140.4470,
-15.0104, -38.9800

■ 255.0000, 0.0000,
0.0000

■ 113.6750,
-14.1368, -39.1800

■ 195.3930,
-16.4627, -39.8097

■ 87.7180, -12.6790,
-40.0947

■ 223.8660,
-17.1889, -40.2245

■ 60.2550, -10.4787,
-45.8276

■ 236.0170, -9.3754,
-26.3249

■ 41.2670, -11.9636,
-36.1912

■ 247.9940, -0.9830,
-11.3957

■ 25.8280, -12.7332,
-22.6512

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,

0.0000

■ 140.4470,
-15.0104, -38.9800

■ 140.4470,
-15.0104, -38.9800

■ 133.7680,
-18.6196, -48.0315

■ 147.1260,
-11.4011, -29.9285

■ 127.2030,
-21.7921, -57.1830

■ 153.6910, -8.2287,
-20.7770

■ 120.5240,
-25.4013, -66.2345

■ 160.3700, -4.6194,
-11.7255

■ 113.8450,
-29.0106, -75.2861

■ 167.0490, -1.0102,
-2.6740

■ 107.5790,
-32.3304, -83.8228

■ 173.3150, 2.3097,
5.8627

■ 102.8510,
-34.9295, -90.2003

■ 179.9940, 5.9190,
14.9143

■ 186.6730, 9.5282,
23.9658

■ 193.2380, 12.7007,
33.1173

■ 199.9170, 16.3099,
42.1688

Harmonies

Analogous

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



146.4270, -31.2695, -3.8825



140.4470, -15.0104, -38.9800



122.3100, 12.6652, -95.8649

Triad

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



140.4470, -15.0104, -38.9800



143.3590, 42.2210, -55.5658



154.4440, -16.4879, 61.8776

Complementary

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



140.4470, -15.0104, -38.9800



124.5530, 15.0104, 38.9800

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.



156.1180, 1.4208, 57.7785



140.4470, -15.0104, -38.9800



155.1590, 32.4596, -4.5244

Square

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



140.4470, -15.0104, -38.9800



123.2400, 45.7307, -108.0815



158.1440, 18.6630, 34.0767



152.9960, -30.5640, 49.9925

Rectangle

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



140.4470, -15.0104, -38.9800



121.3870, 25.9382, -106.4564



158.1440, 18.6630, 34.0767



154.9370, -10.8149, 62.3223

Sweetspot

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



140.4470, -15.0104, -38.9800



208.0060, -5.9190, -14.9143



156.7910, -29.9700, -0.6937



102.9080, -3.8986, -9.5663



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



140.4470, -15.0104, -38.9800



174.4260, -23.3810, -60.8866



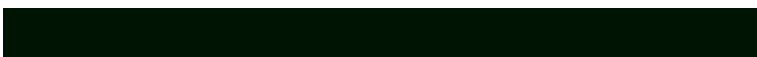
144.5510, 0.7144, -42.5792



80.8100, -1.8783, -4.2184



90.0680, -30.5995, -78.9896



12.1960, -4.0406, -10.6959

Inverse Universe

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



124.5530, 15.0104, 38.9800



149.5740, 23.3810, 60.8866



120.4490, -0.7144, 42.5792



79.1900, 1.8783, 4.2184



57.9320, 30.5995, 78.9896



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 140.4470, -15.0104, -38.9800 looks on a white 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

Black Background



This preview shows how the YUV color 140.4470, -15.0104, -38.9800 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 ✓ Pass

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

YUV 140.4470, -15.0104, -38.9800 Background



This preview shows how black text looks on a background with the YUV color 140.4470, -15.0104, -38.9800.



This preview shows how white text looks on a background with the YUV color 140.4470, -15.0104, -38.9800.

-38.9800.

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

140.4470, -15.0104, -38.9800

Protanopia

150.3010, -23.3194, 12.8910

Deuteranopia

152.6320, -18.5526, 24.0017



Tritanopia

147.2330, 13.1961, -32.6533

Trichromacy



Original Color

140.4470, -15.0104, -38.9800

Protanomaly

146.6900, -20.0602, -5.8671

Deuteranomaly

147.8310, -17.1717, 1.0252

Tritanomaly

144.8770, 3.0186, -34.9721

Monochromacy



Original Color

140.4470, -15.0104, -38.9800

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.4190, -5.6296, -14.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4470, -15.0104, -38.9800 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(96, 169, 110)` looks like.

```
.text, #text, p{  
    color:rgb(96, 169, 110)  
}
```

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(96, 169, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 169, 110) }
```

Border

The CSS property to change the border of an element to YUV 140.4470, -15.0104, -38.9800 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(96, 169, 110) }
```


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

```
.border{ border-color:rgb(96, 169, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 169, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 169, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 169, 110);  
box-shadow:4px 4px 4px 4px rgb(96, 169,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 140.4470, -15.0104, -38.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 169, 110) }
```

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

```
.background{ background-color: rgb(96, 169,  
110) }
```

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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