

Converting Colors

YUV(131.6470, -11.6580,
-40.9094)

Have a look what the booklet for
YUV(131.6470, -11.6580, -40.9094)
contains.

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Color

**YUV(131.6470, -11.6580,
-40.9094)**

Conversions

Conversions Part 1

Format	Color
Hex	55A06C
RGB	85, 160, 108
RGB Percent	33%, 63%, 42%
CMY	0.6667, 0.3725, 0.5765
CMYK	0.47, 0.00, 0.32, 0.37
HSL	138°, 31%, 48%
HSV	138°, 47%, 63%
XYZ	19.0239, 28.1556, 18.6193
YIQ	131.6470, -28.0080, -32.0720

Conversions

Conversions Part 2

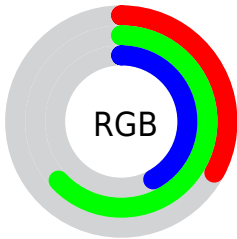
Format	Color
R_{YB}	85, 142, 160
Decimal	5611628
CIE _{Lab}	60.03, -35.24, 20.07
CIE _{LCh}	60, 40.552, 150.329
Yxy	28.1556, 0.2891, 0.4279
Android (android.graphics.Color)	4283801708 (0xFF55A06C)
YUV	131.6470, -11.6580, -40.9094
Hunter-Lab	53.0619, -28.8619, 16.3386

Details

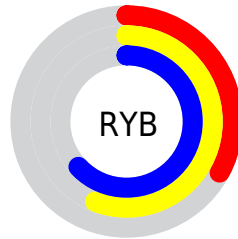
The YUV color **131.6470, -11.6580, -40.9094** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **113.3530, 11.6580, 40.9094**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0060, -12.8210, -41.2243**, and **78.9070, -9.3212, -43.7684** is the 20% darker color. If you saturate the color by 10%, you get **125.6090, -14.1042, -49.6461**, and if you desaturate by 10%, it is **137.6850, -9.2117, -32.1727**.

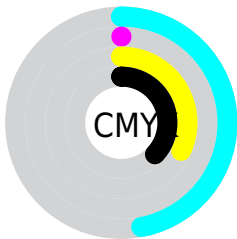
Distribution



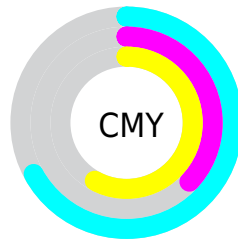
- Red (33%)
- Green (63%)
- Blue (42%)



- Red (33%)
- Yellow (56%)
- Blue (63%)



- Cyan (47%)
- Magenta (0%)
- Yellow (32%)
- Black (37%)



- Cyan (67%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.6470, -11.6580, -40.9094 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 131.6470, -11.6580, -40.9094 by changing the saturation by 10% instead.

■ 131.6470,
-11.6580, -40.9094

■ 131.6470,
-11.6580, -40.9094

■ 255.0000, 0.0000,
0.0000

■ 104.8750,
-10.7844, -41.1094

■ 186.0060,
-12.8210, -41.2243

■ 78.9070, -9.3212,
-43.7684

■ 214.1800,
-13.3997, -42.2539

■ 53.0530, -7.4211,
-46.5275

■ 232.2010, -8.4801,
-33.5023

■ 36.4570, -10.0853,
-31.9728

■ 244.0640, -0.5246,
-18.4731

■ 22.3060, -10.9969,
-19.5624

■ 254.1030, 0.4422,
-1.8443

■ 0.0000, 0.0000,
0.0000

■ 131.6470,
-11.6580, -40.9094

■ 131.6470,
-11.6580, -40.9094

■ 125.6090,
-14.1042, -49.6461

■ 137.6850, -9.2117,
-32.1727

■ 119.5710,
-16.5505, -58.3828

■ 143.7230, -6.7654,
-23.4361

■ 113.5330,
-18.9968, -67.1194

■ 149.7610, -4.3192,
-14.6994

■ 107.4950,
-21.4430, -75.8561

■ 155.7990, -1.8729,
-5.9627

■ 101.4570,
-23.8893, -84.5928

■ 161.8370, 0.5734,
2.7740


■ 99.5060, -24.8995,
-87.2668

■ 167.9890, 3.4564,
11.4106

■ 174.0270, 5.9027,
20.1473

■ 180.0650, 8.3490,

28.8840

 186.1030, 10.7952,
37.6207

Harmonies

Analogous

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



137.9150, -28.0591, -6.9415



131.6470, -11.6580, -40.9094



112.0970, 15.7282, -98.3091

Triad

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



131.6470, -11.6580, -40.9094



137.2140, 38.8415, -44.9147



145.5960, -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.



131.6470, -11.6580, -40.9094



113.3530, 11.6580, 40.9094

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.



146.9390, -0.4629, 55.3045



131.6470, -11.6580, -40.9094



146.9810, 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.



131.6470, -11.6580, -40.9094



116.2300, 44.2566, -101.9337



148.7590, 15.8948, 35.2914



144.0770, -30.1110, 44.6595

Rectangle

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



131.6470, -11.6580, -40.9094



114.8330, 26.2113, -100.7085



148.7590, 15.8948, 35.2914



146.2740, -11.9671, 58.5187

Sweetspot

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



131.6470, -11.6580, -40.9094



198.0490, -4.4612, -15.8290



144.8720, -29.5169, -6.0267



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.



131.6470, -11.6580, -40.9094



164.7830, -18.1340, -63.8307



135.8650, 4.5036, -44.6086



76.0380, -1.0047, -4.4183



88.9570, -22.1638, -78.0153



9.3750, -2.1569, -8.2219

Inverse Universe

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



113.3530, 11.6580, 40.9094



136.2170, 18.1340, 63.8307



109.1350, -4.5036, 44.6086



74.0760, 1.4415, 4.3183



54.0430, 22.1638, 78.0153



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 131.6470, -11.6580, -40.9094 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 131.6470, -11.6580, -40.9094 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 131.6470, -11.6580, -40.9094 Background



This preview shows how black text looks on a background with the YUV color 131.6470, -11.6580, -40.9094.



This preview shows how white text looks on a background with the YUV color 131.6470, -11.6580, -40.9094.

-40.9094.

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

131.6470, -11.6580, -40.9094

Protanopia

142.3870, -20.4038, 11.0616

Deuteranopia

144.1200, -15.3422, 20.9428



Tritanopia

138.2220, 13.2016, -34.3977

Trichromacy



Original Color

131.6470, -11.6580, -40.9094

Protanomaly

138.7760, -17.1446, -7.6966

Deuteranomaly

139.6180, -14.1087, -1.4190

Tritanomaly

136.0940, 3.8977, -36.9164

Monochromacy



Original Color

131.6470, -11.6580, -40.9094

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.7610, -4.3192, -14.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.6470, -11.6580, -40.9094 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(85, 160, 108)` looks like.

```
.text, #text, p{  
    color:rgb(85, 160, 108)  
}
```

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(85, 160, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 160, 108) }
```

Border

The CSS property to change the border of an element to YUV 131.6470, -11.6580, -40.9094 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(85, 160, 108) }
```


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

```
.border{ border-color:rgb(85, 160, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 160, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 160, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 160, 108);  
box-shadow:4px 4px 4px 4px rgb(85, 160,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 131.6470, -11.6580, -40.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 160, 108) }
```

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

```
.background{ background-color: rgb(85, 160,  
108) }
```

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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