

Converting Colors

YUV(106.6130, -6.7112,
-40.8796)

Have a look what the booklet for
YUV(106.6130, -6.7112, -40.8796)
contains.

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Color

**YUV(106.6130, -6.7112,
-40.8796)**

Conversions

Conversions Part 1

Format	Color
Hex	3C855D
RGB	60, 133, 93
RGB Percent	24%, 52%, 36%
CMY	0.7647, 0.4784, 0.6353
CMYK	0.55, 0.00, 0.30, 0.48
HSL	147°, 38%, 38%
HSV	147°, 55%, 52%
XYZ	12.2268, 18.5260, 13.2874
YIQ	106.6130, -30.6680, -27.9160

Conversions

Conversions Part 2

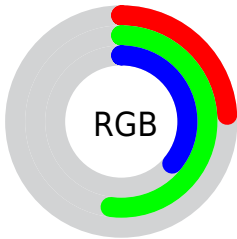
Format	Color
RYB	60, 110, 133
Decimal	3966301
CIELab	50.13, -32.63, 14.81
CIElCh	50, 35.835, 155.587
Yxy	18.5260, 0.2776, 0.4207
Android (android.graphics.Color)	4282156381 (0xFF3C855D)
YUV	106.6130, -6.7112, -40.8796
Hunter-Lab	43.0419, -24.6173, 11.8260

Details

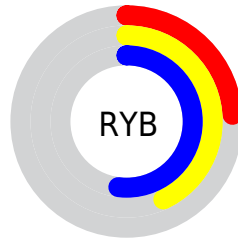
The YUV color **106.6130, -6.7112, -40.8796** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **86.3870, 6.7112, 40.8796**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8580, -8.3110, -41.0945**, and **54.0790, -3.4899, -47.4273** is the 20% darker color. If you saturate the color by 10%, you get **101.9280, -7.8525, -48.1719**, and if you desaturate by 10%, it is **111.2980, -5.5699, -33.5873**.

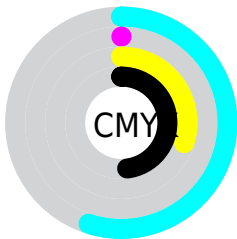
Distribution



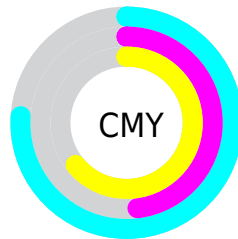
- Red (24%)
- Green (52%)
- Blue (36%)



- Red (24%)
- Yellow (43%)
- Blue (52%)



- Cyan (55%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)





- Cyan (76%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.6130, -6.7112, -40.8796 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 106.6130, -6.7112, -40.8796 by changing the saturation by 10% instead.


 106.6130, -6.7112,
-40.8796

 106.6130, -6.7112,
-40.8796


255.0000, 0.0000,
0.0000


 80.2430, -5.5428,
-42.3091


 159.8580, -8.3110,
-41.0945

 54.0790, -3.4899,
-47.4273


 187.4450, -8.6004,
-41.6093


 37.5970, -5.7173,
-32.9726

 215.3310, -9.0372,
-41.5093

 21.7190, -10.7075,
-19.0476

 233.9390, -4.4069,
-33.2725

 0.5870, -0.2894,
-0.5148

 245.6170, 4.1328,
-18.9581

 0.0000, 0.0000,
0.0000

254.7010, 0.1474,

-0.6148

■ 106.6130, -6.7112,
-40.8796

■ 106.6130, -6.7112,
-40.8796

■ 101.9280, -7.8525,
-48.1719

■ 111.2980, -5.5699,
-33.5873

■ 96.8300, -9.2832,
-55.9789

■ 116.3960, -4.1392,
-25.7803

■ 92.1450, -10.4245,
-63.2712

■ 121.0810, -2.9979,
-18.4880

■ 87.4600, -11.5658,
-70.5634

■ 125.7660, -1.8566,
-11.1958

■ 84.9110, -12.2811,
-74.4669

■ 130.7500, -0.8628,
-3.2887

■ 135.5490, 0.7153,
3.9035

■ 140.2340, 1.8566,
11.1958

■ 144.9190, 2.9979,
18.4880

■ 150.0170, 4.4286,
26.2951

Harmonies

Analogous

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



112.7880, -22.0805, -11.2151



106.6130, -6.7112, -40.8796



93.3810, 15.0952, -81.8951

Triad

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



106.6130, -6.7112, -40.8796



114.8800, 32.1042, -30.5898



119.8290, -17.1707, 47.5080

Complementary

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



106.6130, -6.7112, -40.8796



86.3870, 6.7112, 40.8796

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.



120.9120, -2.9146, 48.3122



106.6130, -6.7112, -40.8796



122.1190, 23.1123, 6.9116

Square

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



106.6130, -6.7112, -40.8796



95.5590, 38.6714, -83.8052



122.4940, 11.0955, 34.6468



118.5210, -26.8789, 34.6231

Rectangle

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



106.6130, -6.7112, -40.8796



95.7750, 24.2679, -83.9947



122.4940, 11.0955, 34.6468



120.1050, -12.3768, 49.8969

Sweetspot

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



106.6130, -6.7112, -40.8796



163.2170, -2.5720, -15.0993



114.8110, -27.0218, -12.9892



80.8910, -1.4253, -9.5514



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



106.6130, -6.7112, -40.8796



131.8460, -10.2771, -63.8859



110.7170, 9.0135, -44.4788



63.8640, -0.4260, -3.3887



83.0360, -11.8497, -72.8226



1.8750, -0.4314, -1.6444

Inverse Universe

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



86.3870, 6.7112, 40.8796



100.2680, 10.7139, 63.7860



82.2830, -9.0135, 44.4788



62.1360, 0.4260, 3.3887



46.9640, 11.8497, 72.8226



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 106.6130, -6.7112, -40.8796 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 106.6130, -6.7112, -40.8796 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 106.6130, -6.7112, -40.8796

Background



This preview shows how black text looks on a background with the YUV color 106.6130, -6.7112, -40.8796.



This preview shows how white text looks on a background with the YUV color 106.6130, -6.7112, -40.8796.

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

106.6130, -6.7112, -40.8796

Protanopia

117.1570, -14.8674, 8.6323

Deuteranopia

118.9390, -10.8159, 15.8395



Tritanopia

112.1080, 12.7648, -34.2977

Trichromacy



Original Color

106.6130, -6.7112, -40.8796

Protanomaly

113.1440, -11.9030, -8.8963

Deuteranomaly

114.5620, -9.1511, -4.8779

Tritanomaly

109.9630, 5.9342, -36.8016

Monochromacy



Original Color

106.6130, -6.7112, -40.8796

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.6300, -2.2826, -14.5845

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6130, -6.7112, -40.8796 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(60, 133, 93)` looks like.

```
.text, #text, p{  
    color:rgb(60, 133, 93)  
}
```

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(60, 133, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 133, 93) }
```

Border

The CSS property to change the border of an element to YUV 106.6130, -6.7112, -40.8796 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(60, 133, 93) }
```


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

```
.border{ border-color:rgb(60, 133, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 133, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 133, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 133, 93);  
box-shadow:4px 4px 4px 4px rgb(60, 133,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 106.6130, -6.7112, -40.8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 133, 93) }
```

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

```
.background{ background-color: rgb(60, 133,  
93) }
```

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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