

Converting Colors

YUV(106.3200, -52.4158,
11.9974)

Have a look what the booklet for
YUV(106.3200, -52.4158, 11.9974)
contains.

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Color

**YUV(106.3200, -52.4158,
11.9974)**

Conversions

Conversions Part 1

Format	Color
Hex	787800
RGB	120, 120, 0
RGB Percent	47%, 47%, 0%
CMY	0.5294, 0.5294, 1.0000
CMYK	0.00, 0.00, 1.00, 0.53
HSL	60°, 100%, 24%
HSV	60°, 100%, 47%
XYZ	14.4622, 17.4260, 2.6013
YIQ	106.3200, 38.5200, -37.3200

Conversions

Conversions Part 2

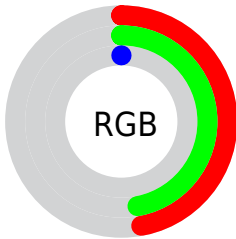
Format	Color
RYB	0, 120, 0
Decimal	7895040
CIELab	48.79, -12.34, 54.11
CIELCh	49, 55.499, 102.852
Yxy	17.4260, 0.4193, 0.5053
Android (android.graphics.Color)	4286085120 (0xFF787800)
YUV	106.3200, -52.4158, 11.9974
Hunter-Lab	41.7445, -11.2122, 25.5265

Details

The YUV color **106.3200, -52.4158, 11.9974** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **13.6800, 52.4158, -11.9974**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8840, -47.7638, 13.2567**, and **62.2970, -30.7124, 4.1245** is the 20% darker color. If you saturate the color by 10%, you get **106.3200, -52.4158, 11.9974**, and if you desaturate by 10%, it is **107.6880, -47.1742, 10.7976**.

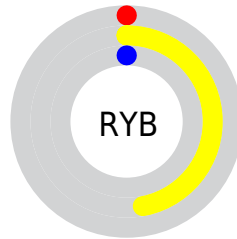
Distribution



Red (47%)

Green (47%)

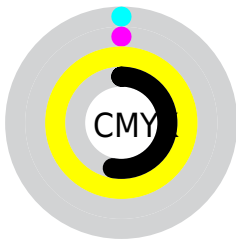
Blue (0%)



Red (0%)

Yellow (47%)

Blue (0%)

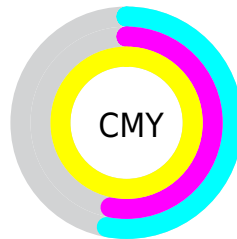


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.3200, -52.4158, 11.9974 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 106.3200, -52.4158, 11.9974 by changing the saturation by 10% instead.

■ 106.3200,
-52.4158, 11.9974

■ 106.3200,
-52.4158, 11.9974

■ 255.0000, 0.0000,
0.0000

■ 83.5720, -41.2010,
8.2684

■ 160.8840,
-47.7638, 13.2567

■ 62.2970, -30.7124,
4.1245

■ 188.0690,
-48.3480, 13.9715

■ 41.9080, -20.6606,
0.0807

■ 216.2540,
-48.9322, 14.6862

■ 21.8070, -10.7509,
-5.0927


■ 242.3460,
-48.4846, 11.0976


■ 0.0000, 0.0000,
0.0000

■ 245.4240,
-36.6910, 8.3982

■ 248.6160,


-24.4607, 5.5988


 251.9220,
-11.7935, 2.6994


 106.3200,
-52.4158, 11.9974

 107.6880,
-47.1742, 10.7976

 109.0560,
-41.9326, 9.5979

 110.4240,
-36.6910, 8.3982

 111.7920,
-31.4495, 7.1984

 113.1600,
-26.2079, 5.9987

■ 114.5280,
-20.9663, 4.7989

■ 115.8960,
-15.7247, 3.5992

■ 117.2640,
-10.4832, 2.3995

■ 118.6320, -5.2416,
1.1997

Harmonies

Analogous

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



110.7830, -47.7140, 44.0403



106.3200, -52.4158, 11.9974



100.7180, -29.4410, -30.4477

Triad

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



106.3200, -52.4158, 11.9974



100.2380, 38.8297, -87.9087



115.5820, 14.5031, 61.7566

Complementary

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



106.3200, -52.4158, 11.9974



13.6800, 52.4158, -11.9974

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.



119.3240, 32.3783, 21.6409



106.3200, -52.4158, 11.9974



99.2070, 52.6489, -87.0045

Square

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



106.3200, -52.4158, 11.9974



96.3960, 19.0318, -84.5393



106.7650, 49.9089, -48.0289



111.4750, -6.6432, 77.6364

Rectangle

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



106.3200, -52.4158, 11.9974



87.3390, -8.0551, -76.5963



106.7650, 49.9089, -48.0289



117.8240, 20.7928, 51.0204

Sweetspot

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



106.3200, -52.4158, 11.9974



150.6420, -20.5295, 4.6990



35.8800, -17.6888, 73.7732



75.8080, -12.2303, 2.7994



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



106.3200, -52.4158, 11.9974



138.2160, -68.1405, 15.5966



88.3800, -43.5713, -24.8893



60.3160, -2.6208, 0.5999



110.7500, -54.5998, 12.4972



223.2720, -110.0731, 25.1945

Inverse Universe

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



13.6800, 52.4158, -11.9974



17.7840, 68.1405, -15.5966



31.6200, 43.5713, 24.8893



55.6840, 2.6208, -0.5999



14.2500, 54.5998, -12.4972



28.7280, 110.0731, -25.1945

Previews

White Background



This preview shows how the YUV color 106.3200, -52.4158, 11.9974 looks on a white 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

Black Background



This preview shows how the YUV color 106.3200, -52.4158, 11.9974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

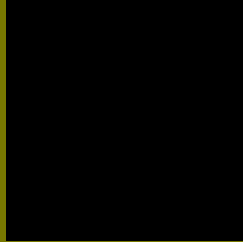
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.3200, -52.4158, 11.9974 Background



This preview shows how black text looks on a background with the YUV color 106.3200, -52.4158, 11.9974.



This preview shows how white text looks on a background with the YUV color 106.3200, -52.4158,

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



Protanopia

107.2610, -52.8797, 20.8191

Deuteranopia

110.2760, -45.4921, 31.3299

Tritanopia

117.6960, 1.1359, 9.0366

Trichromacy



Protanomaly

106.6520, -52.5794, 17.8452

Deuteranomaly

109.1350, -48.3806, 24.4376

Tritanomaly

113.5440, -18.5092, 10.0469

Monochromacy



Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9840, -19.2191, 4.3990

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.3200, -52.4158, 11.9974 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(120, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 120, 0)  
}
```

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(120, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 120, 0) }
```

Border

The CSS property to change the border of an element to YUV 106.3200, -52.4158, 11.9974 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(120, 120, 0) }
```

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

```
.border{ border-color:rgb(120, 120, 0) }
```

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

Here you see how a box with a 4 pixel rgb(120, 120, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 120,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 106.3200, -52.4158, 11.9974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 120, 0) }
```

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

```
.background{ background-color: rgb(120,  
120, 0) }
```

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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