

Converting Colors

YUV(124.3130, -58.8213,
-33.6005)

Have a look what the booklet for
YUV(124.3130, -58.8213, -33.6005)
contains.

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Color

**YUV(124.3130, -58.8213,
-33.6005)**

Conversions

Conversions Part 1

Format	Color
Hex	56A705
RGB	86, 167, 5
RGB Percent	34%, 65%, 2%
CMY	0.6627, 0.3451, 0.9804
CMYK	0.49, 0.00, 0.97, 0.35
HSL	90°, 94%, 34%
HSV	90°, 97%, 65%
XYZ	17.6839, 29.6268, 4.9301
YIQ	124.3130, 3.7260, -67.5540

Conversions

Conversions Part 2

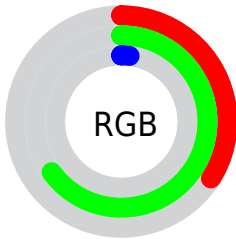
Format	Color
RYB	5, 167, 86
Decimal	5678853
CIELab	61.33, -47.88, 62.04
CIELCh	61, 78.372, 127.659
Yxy	29.6268, 0.3385, 0.5671
Android (android.graphics.Color)	4283868933 (0xFF56A705)
YUV	124.3130, -58.8213, -33.6005
Hunter-Lab	54.4305, -37.2608, 32.7311

Details

The YUV color **124.3130, -58.8213, -33.6005** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **47.6870, 58.8213, 33.6005**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.3220, -52.4167, -34.4854**, and **72.3000, -35.6439, -47.6211** is the 20% darker color. If you saturate the color by 10%, you get **122.8460, -60.5631, -34.9449**, and if you desaturate by 10%, it is **128.6430, -52.5750, -30.3819**.

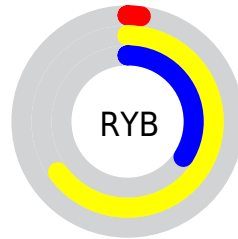
Distribution



Red (34%)

Green (65%)

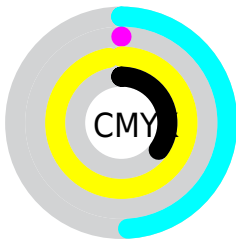
Blue (2%)



Red (2%)

Yellow (65%)

Blue (34%)

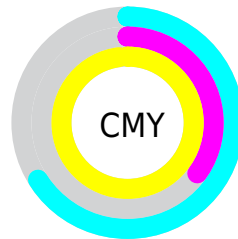


Cyan (49%)

Magenta (0%)

Yellow (97%)

Black (35%)



Cyan (66%)

Magenta (35%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.3130, -58.8213, -33.6005 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 124.3130, -58.8213, -33.6005 by changing the saturation by 10% instead.

■ 124.3130,
-58.8213, -33.6005

■ 124.3130,
-58.8213, -33.6005

■ 255.0000, 0.0000,
0.0000

■ 98.9240, -48.7695,
-37.6443

■ 182.3220,
-52.4167, -34.4854

■ 72.3000, -35.6439,
-47.6211

■ 211.0940,
-53.2903, -34.2854

■ 52.2430, -25.7558,
-45.8171

■ 224.7180,
-46.2030, -20.8007

■ 37.5680, -18.5210,
-32.9471

■ 236.8800,
-38.3948, -5.1568

■ 25.2410, -12.4438,
-22.1364

■ 247.2480,
-29.7023, 6.7985

■ 5.2830, -2.6045,
-4.6332

■ 250.5540,

■ 0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.8600, -4.3680,
0.9998

124.3130,
-58.8213, -33.6005

124.3130,
-58.8213, -33.6005

122.8460,
-60.5631, -34.9449

128.6430,
-52.5750, -30.3819

133.1580,
-46.9129, -26.4486

137.4880,
-40.6666, -23.2300

141.8180,
-34.4203, -20.0114

146.3330,
-28.7582, -16.0780

■ 150.6630,
-22.5119, -12.8595

■ 154.9930,
-16.2655, -9.6409

■ 159.6220,
-10.1666, -5.8075

■ 163.8380, -4.3571,
-2.4889

Harmonies

Analogous

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



137.0750, -67.5780, 21.8592



124.3130, -58.8213, -33.6005



113.2130, -10.4580, -99.2878

Triad

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



124.3130, -58.8213, -33.6005



128.2730, 62.4764, -112.4954



130.1490, 1.4055, 109.4943

Complementary

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



124.3130, -58.8213, -33.6005



47.6870, 58.8213, 33.6005

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.



144.9930, 28.1045, 85.9521



124.3130, -58.8213, -33.6005



117.7070, 67.6854, -103.2290

Square

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



124.3130, -58.8213, -33.6005



130.3470, 50.1149, -114.3143



150.9270, 51.3080, 16.7270



137.3000, -34.6579, 103.2229

Rectangle

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



124.3130, -58.8213, -33.6005



120.4460, 9.6401, -105.6311



150.9270, 51.3080, 16.7270



133.4720, 11.5993, 106.5801

Sweetspot

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



124.3130, -58.8213, -33.6005



200.2500, -22.8012, -13.3742



100.9850, -47.3206, 57.8952



99.5740, -14.0870, -8.3964



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.



124.3130, -58.8213, -33.6005



159.6710, -78.7178, -45.3155



100.0940, -46.8813, -83.3974



81.8920, -2.9048, -1.6593



109.0020, -53.7380, -30.6968



14.7300, -7.2619, -4.1482

Inverse Universe

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



47.6870, 58.8213, 33.6005



57.0300, 78.8652, 44.7007



71.9060, 46.8813, 83.3974



78.1080, 2.9048, 1.6593



38.9980, 53.7380, 30.6968



5.2700, 7.2619, 4.1482

Previews

White Background



This preview shows how the YUV color 124.3130, -58.8213, -33.6005 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 124.3130, -58.8213, -33.6005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

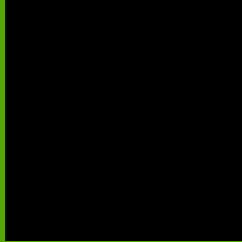
Any Text WCAG AA ✓ Pass

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 124.3130, -58.8213, -33.6005 Background



This preview shows how black text looks on a background with the YUV color 124.3130, -58.8213, -33.6005.



This preview shows how white text looks on a background with the YUV color 124.3130, -58.8213, -33.6005.

-33.6005.

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

124.3130, -58.8213, -33.6005

Protanopia

136.5100, -67.2994, 25.8627

Deuteranopia

141.3710, -52.9339, 38.2626



Tritanopia

142.4290, 12.6065, -30.1942

Trichromacy



Original Color

124.3130, -58.8213, -33.6005

Protanomaly

132.1760, -64.1768, 4.2306

Deuteranomaly

135.2230, -55.3259, 12.0824

Tritanomaly

135.6590, -13.1429, -31.2729

Monochromacy



Original Color

124.3130, -58.8213, -33.6005

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.3040, -21.3489, -12.5446

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.3130, -58.8213, -33.6005 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(86, 167, 5)` looks like.

```
.text, #text, p{  
    color:rgb(86, 167, 5)  
}
```

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(86, 167, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 167, 5) }
```

Border

The CSS property to change the border of an element to YUV 124.3130, -58.8213, -33.6005 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(86, 167, 5) }
```


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

```
.border{ border-color:rgb(86, 167, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 167, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 167, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 167, 5);  
box-shadow:4px 4px 4px 4px rgb(86, 167, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 124.3130, -58.8213, -33.6005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 167, 5) }
```

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

```
.background{ background-color: rgb(86, 167,  
5) }
```

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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