

Converting Colors

YUV(122.1560, -30.6429,
-65.0348)

Have a look what the booklet for
YUV(122.1560, -30.6429, -65.0348)
contains.

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Color

**YUV(122.1560, -30.6429,
-65.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	30AC3C
RGB	48, 172, 60
RGB Percent	19%, 67%, 24%
CMY	0.8118, 0.3255, 0.7647
CMYK	0.72, 0.00, 0.65, 0.33
HSL	126°, 56%, 43%
HSV	126°, 72%, 67%
XYZ	16.7871, 30.4597, 9.2695
YIQ	122.1560, -37.9520, -61.1200

Conversions

Conversions Part 2

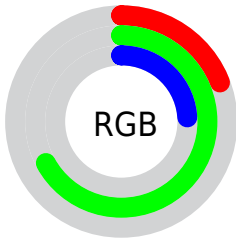
Format	Color
RYB	48, 161, 172
Decimal	3189820
CIELab	62.05, -55.89, 46.58
CIELCh	62, 72.755, 140.186
Yxy	30.4597, 0.2970, 0.5390
Android (android.graphics.Color)	4281379900 (0xFF30AC3C)
YUV	122.1560, -30.6429, -65.0348
Hunter-Lab	55.1903, -42.2892, 28.6751

Details

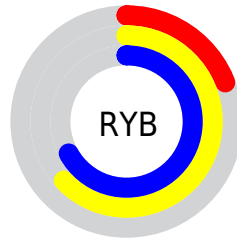
The YUV color **122.1560, -30.6429, -65.0348** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **97.8440, 30.6429, 65.0348**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6790, -33.8587, -60.2315**, and **69.2660, -34.1481, -60.7463** is the 20% darker color. If you saturate the color by 10%, you get **115.2490, -35.1258, -73.8864**, and if you desaturate by 10%, it is **129.0630, -26.1601, -56.1833**.

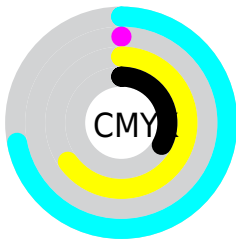
Distribution



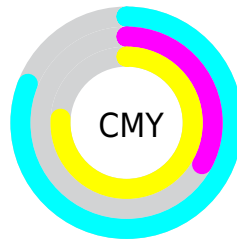
- Red (19%)
- Green (67%)
- Blue (24%)



- Red (19%)
- Yellow (63%)
- Blue (67%)



- Cyan (72%)
- Magenta (0%)
- Yellow (65%)
- Black (33%)



- Cyan (81%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1560, -30.6429, -65.0348 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 122.1560, -30.6429, -65.0348 by changing the saturation by 10% instead.

■ 122.1560,
-30.6429, -65.0348

■ 122.1560,
-30.6429, -65.0348

■ 255.0000, 0.0000,
0.0000

■ 88.8770, -27.5474,
-77.9451

■ 180.6790,
-33.8587, -60.2315

■ 69.2660, -34.1481,
-60.7463

■ 207.9890,
-34.0116, -57.8724

■ 54.0040, -26.6240,
-47.3615

■ 219.7380,
-26.4928, -42.7432

■ 39.3290, -19.3892,
-34.4915

■ 231.9000,
-18.6847, -27.0993

■ 26.4150, -13.0226,
-23.1660

■ 243.7630,
-10.7292, -12.0702

■ 8.2180, -4.0515,
-7.2072

■ 254.5440, -1.7472,

■ 0.0000, 0.0000,

0.3999

0.0000

■ 122.1560,
-30.6429, -65.0348

■ 122.1560,
-30.6429, -65.0348

■ 115.2490,
-35.1258, -73.8864

■ 129.0630,
-26.1601, -56.1833

■ 108.4560,
-39.1718, -82.8379

■ 135.8560,
-22.1140, -47.2317

■ 102.9020,
-42.3497, -90.2451

■ 143.0620,
-17.7786, -37.7654

■ 149.8550,
-13.7325, -28.8138

■ 156.7620, -9.2497,
-19.9623

■ 163.5550, -5.2036,
-11.0107

■ 170.4620, -0.7208,
-2.1592

■ 177.5540, 3.1779,
7.4071

■ 184.4610, 7.6607,
16.2587

Harmonies

Analogous

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



135.1820, -66.6447, 2.4714



122.1560, -30.6429, -65.0348



118.8500, 3.5250, -104.2314

Triad

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



122.1560, -30.6429, -65.0348



125.3380, 63.9234, -109.9214



138.6800, -14.1392, 102.0126

Complementary

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



122.1560, -30.6429, -65.0348



97.8440, 30.6429, 65.0348

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.



145.0900, 14.2526, 95.5141



122.1560, -30.6429, -65.0348



142.6230, 55.4019, -36.5034

Square

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



122.1560, -30.6429, -65.0348



130.9970, 57.6825, -114.8844



153.3130, 39.2857, 46.2065



142.9160, -45.8076, 86.0197

Rectangle

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



122.1560, -30.6429, -65.0348



124.5670, 22.8915, -109.2453



153.3130, 39.2857, 46.2065



138.1390, -3.5195, 102.4871

Sweetspot

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



122.1560, -30.6429, -65.0348



204.3330, -11.9962, -25.7250



154.8740, -52.6889, 6.2495



100.3650, -7.0819, -15.2291



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



122.1560, -30.6429, -65.0348



145.6310, -48.1321, -102.2854



128.9960, -4.4350, -71.0335



83.3970, -2.1677, -4.7332



89.7600, -36.8567, -78.7195



13.7290, -5.7824, -12.0403

Inverse Universe

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



97.8440, 30.6429, 65.0348



107.4830, 48.5689, 102.1854



91.0040, 4.4350, 71.0335



81.6030, 2.1677, 4.7332



60.3540, 37.2935, 78.6195



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 122.1560, -30.6429, -65.0348 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 122.1560, -30.6429, -65.0348 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 122.1560, -30.6429, -65.0348 Background



This preview shows how black text looks on a background with the YUV color 122.1560, -30.6429, -65.0348.



This preview shows how white text looks on a background with the YUV color 122.1560, -30.6429, -65.0348.

-65.0348.

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

122.1560, -30.6429, -65.0348

Protanopia

143.2530, -44.0017, 19.9491

Deuteranopia

146.3500, -37.6405, 33.0191



Tritanopia

138.8610, 17.3235, -49.8671

Trichromacy



Original Color

122.1560, -30.6429, -65.0348



Protanomaly

135.3200, -39.1048, -10.8046



Deuteranomaly

137.7000, -35.3481, -2.3679



Tritanomaly

132.9470, 0.0261, -55.2045

Monochromacy



Original Color

122.1560, -30.6429, -65.0348



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.8710, -11.2754, -23.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1560, -30.6429, -65.0348 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(48, 172, 60)` looks like.

```
.text, #text, p{  
    color:rgb(48, 172, 60)  
}
```

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(48, 172, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 172, 60) }
```

Border

The CSS property to change the border of an element to YUV 122.1560, -30.6429, -65.0348 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(48, 172, 60) }
```


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

```
.border{ border-color:rgb(48, 172, 60) }
```

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

Here you see how a box with a 4 pixel rgb(48, 172, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 172, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 172, 60);  
box-shadow:4px 4px 4px 4px rgb(48, 172,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 122.1560, -30.6429, -65.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 172, 60) }
```

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

```
.background{ background-color: rgb(48, 172,  
60) }
```

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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