

Converting Colors

YUV(116.5580, -13.5861,
-75.9114)

Have a look what the booklet for
YUV(116.5580, -13.5861, -75.9114)
contains.

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Color

**YUV(116.5580, -13.5861,
-75.9114)**

Conversions

Conversions Part 1

Format	Color
Hex	1EA659
RGB	30, 166, 89
RGB Percent	12%, 65%, 35%
CMY	0.8824, 0.3490, 0.6510
CMYK	0.82, 0.00, 0.46, 0.35
HSL	146°, 69%, 38%
HSV	146°, 82%, 65%
XYZ	15.9748, 28.2697, 14.0658
YIQ	116.5580, -56.3390, -52.7790

Conversions

Conversions Part 2

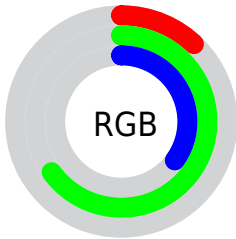
Format	Color
RYB	30, 125, 166
Decimal	2008665
CIELab	60.13, -52.22, 30.16
CIELCh	60, 60.304, 149.993
Yxy	28.2697, 0.2740, 0.4848
Android (android.graphics.Color)	4280198745 (0xFF1EA659)
YUV	116.5580, -13.5861, -75.9114
Hunter-Lab	53.1693, -39.4156, 21.5334

Details

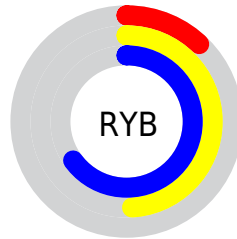
The YUV color **116.5580, -13.5861, -75.9114** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **79.4420, 13.5861, 75.9114**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1740, -17.8338, -66.8046**, and **71.0050, -14.7925, -62.2714** is the 20% darker color. If you saturate the color by 10%, you get **110.4490, -15.0114, -85.4628**, and if you desaturate by 10%, it is **122.6670, -12.1608, -66.3600**.

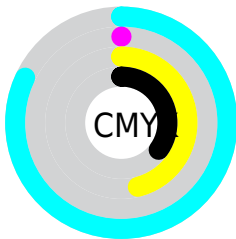
Distribution



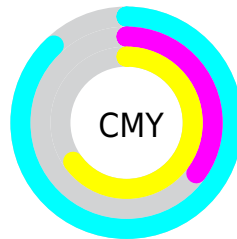
- Red (12%)
- Green (65%)
- Blue (35%)



- Red (12%)
- Yellow (49%)
- Blue (65%)



- Cyan (82%)
- Magenta (0%)
- Yellow (46%)
- Black (35%)





- Cyan (88%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5580, -13.5861, -75.9114 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 116.5580, -13.5861, -75.9114 by changing the saturation by 10% instead.


 116.5580,
-13.5861, -75.9114


 116.5580,
-13.5861, -75.9114


255.0000, 0.0000,
0.0000


 89.0030, -11.8335,
-78.0556


 176.1740,
-17.8338, -66.8046


 71.0050, -14.7925,
-62.2714

 204.9460,
-18.7074, -66.6046


 53.1210, -17.3147,
-46.5871


 219.3420,
-12.4936, -52.9199

 36.3940, -17.9422,
-31.9175

 231.2050, -4.5381,
-37.8908

 23.4800, -11.5756,
-20.5920

 243.4810, 3.7069,
-22.3468

 0.5870, -0.2894,
-0.5148

 252.9070, 1.0318,

 0.0000, 0.0000,

-4.3034

0.0000

■ 116.5580,
-13.5861, -75.9114

■ 116.5580,
-13.5861, -75.9114

■ 110.4490,
-15.0114, -85.4628

■ 122.6670,
-12.1608, -66.3600

■ 105.6500,
-16.5894, -92.6550

■ 128.5910,
-10.1514, -57.5233

■ 134.7000, -8.7261,
-47.9719

■ 140.6240, -6.7166,
-39.1352

■ 146.7330, -5.2914,
-29.5838

■ 152.8420, -3.8661,
-20.0324

■ 158.7660, -1.8566,
-11.1958

■ 164.8750, -0.4314,
-1.6444

■ 170.7990, 1.5781,
7.1923

Harmonies

Analogous

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



132.6420, -44.1935, -11.9640



116.5580, -13.5861, -75.9114



116.0920, 13.2656, -101.8127

Triad

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



116.5580, -13.5861, -75.9114



117.2510, 65.9383, -102.8291



141.2790, -22.8155, 84.8243

Complementary

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



116.5580, -13.5861, -75.9114



79.4420, 13.5861, 75.9114

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.



143.0980, 1.9237, 83.2291



116.5580, -13.5861, -75.9114



146.9710, 44.3843, -2.6056

Square

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



116.5580, -13.5861, -75.9114



123.1720, 55.6242, -108.0218



148.5730, 24.8605, 52.9945



141.1150, -44.4267, 63.0431

Rectangle

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



116.5580, -13.5861, -75.9114



120.3100, 29.4272, -105.5119



148.5730, 24.8605, 52.9945



141.1790, -14.3852, 87.5430

Sweetspot

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



116.5580, -13.5861, -75.9114



197.3200, -5.5808, -30.0986



132.8550, -50.7075, -22.6748



97.9670, -3.4347, -18.3881



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.



116.5580, -13.5861, -75.9114



139.5190, -21.4549, -118.8502



124.3100, 16.1162, -82.7099



81.0380, -1.0047, -4.4183



94.1720, -14.8748, -82.5888



12.7660, -1.8566, -11.1958

Inverse Universe

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



79.4420, 13.5861, 75.9114



81.4810, 21.4549, 118.8502



71.6900, -16.1162, 82.7099



78.8480, 0.5679, 4.5183



53.8280, 14.8748, 82.5888



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 116.5580, -13.5861, -75.9114 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 116.5580, -13.5861, -75.9114 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 116.5580, -13.5861, -75.9114 Background



This preview shows how black text looks on a background with the YUV color 116.5580, -13.5861, -75.9114.



This preview shows how white text looks on a background with the YUV color 116.5580, -13.5861, -75.9114.

-75.9114.

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

116.5580, -13.5861, -75.9114

Protanopia

141.0040, -29.5820, 14.9055

Deuteranopia

143.3780, -23.3574, 25.1015



Tritanopia

131.8710, 18.7976, -56.0149

Trichromacy



Original Color

116.5580, -13.5861, -75.9114

Protanomaly

131.9890, -23.6586, -18.4074

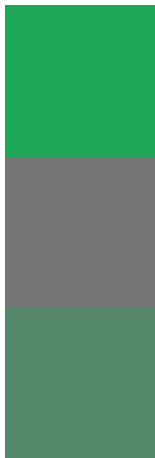
Deuteranomaly

133.3580, -19.8965, -11.7150

Tritanomaly

126.1400, 7.3260, -63.2668

Monochromacy



Original Color

116.5580, -13.5861, -75.9114

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8580, -4.8600, -27.9395

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5580, -13.5861, -75.9114 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(30, 166, 89)` looks like.

```
.text, #text, p{  
    color:rgb(30, 166, 89)  
}
```

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(30, 166, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 166, 89) }
```

Border

The CSS property to change the border of an element to YUV 116.5580, -13.5861, -75.9114 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(30, 166, 89) }
```


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

```
.border{ border-color:rgb(30, 166, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 166, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 166, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 166, 89);  
box-shadow:4px 4px 4px 4px rgb(30, 166,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 116.5580, -13.5861, -75.9114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 166, 89) }
```

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

```
.background{ background-color: rgb(30, 166,  
89) }
```

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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