

Converting Colors

YUV(119.6760, -35.3363,
40.6261)

Have a look what the booklet for
YUV(119.6760, -35.3363, 40.6261)
contains.

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Color

**YUV(119.6760, -35.3363,
40.6261)**

Conversions

Conversions Part 1

Format	Color
Hex	A66E30
RGB	166, 110, 48
RGB Percent	65%, 43%, 19%
CMY	0.3490, 0.5686, 0.8118
CMYK	0.00, 0.34, 0.71, 0.35
HSL	32°, 55%, 42%
HSV	32°, 71%, 65%
XYZ	21.8353, 19.4723, 5.4040
YIQ	119.6760, 53.2780, -7.4100

Conversions

Conversions Part 2

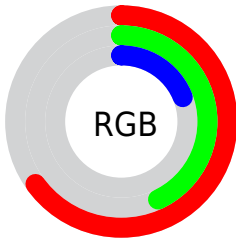
Format	Color
RYB	155, 166, 48
Decimal	10907184
CIELab	51.24, 16.42, 42.42
CIELCh	51, 45.491, 68.841
Yxy	19.4723, 0.4675, 0.4169
Android (android.graphics.Color)	4289097264 (0xFFA66E30)
YUV	119.6760, -35.3363, 40.6261
Hunter-Lab	44.1274, 11.1033, 23.6283

Details

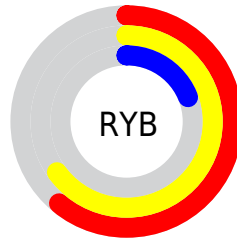
The YUV color **119.6760, -35.3363, 40.6261** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **94.3240, 35.3363, -40.6261**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4270, -37.6785, 45.2295**, and **69.2840, -34.1570, 35.7079** is the 20% darker color. If you saturate the color by 10%, you get **113.0420, -40.4467, 46.4442**, and if you desaturate by 10%, it is **126.3100, -30.2258, 34.8081**.

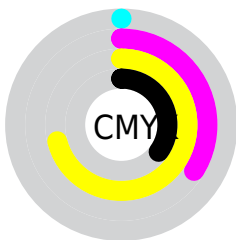
Distribution



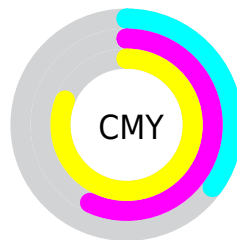
- Red (65%)
- Green (43%)
- Blue (19%)



- Red (61%)
- Yellow (65%)
- Blue (19%)



- Cyan (0%)
- Magenta (34%)
- Yellow (71%)
- Black (35%)



- Cyan (35%)
- Magenta (57%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.6760, -35.3363, 40.6261 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 119.6760, -35.3363, 40.6261 by changing the saturation by 10% instead.


 119.6760,
-35.3363, 40.6261


 119.6760,
-35.3363, 40.6261


255.0000, 0.0000,
0.0000


 94.3660, -35.1834,
38.2670


 173.4270,
-37.6785, 45.2295


 69.2840, -34.1570,
35.7079


 201.2100,
-38.5575, 47.1738

 48.2970, -23.8104,
30.4345

 220.6100,
-35.3037, 30.1600

 27.8970, -13.7532,
24.6463

 240.1240,
-31.6131, 13.0463

 9.8670, -4.8644,
20.2876

 249.1860,
-22.2767, 5.0989

 0.0000, 0.0000,
0.0000

 252.3780,

-10.0464, 2.2995

■ 119.6760,
-35.3363, 40.6261

■ 119.6760,
-35.3363, 40.6261

■ 113.0420,
-40.4467, 46.4442

■ 126.3100,
-30.2258, 34.8081

■ 106.5220,
-45.1203, 52.1622

■ 132.8300,
-25.5522, 29.0901

■ 100.7030,
-49.6466, 57.2655

■ 139.4640,
-20.4418, 23.2721

■ 145.9840,
-15.7681, 17.5540

■ 152.0310,
-10.3683, 12.2508

■ 158.6650, -5.2578,
6.4328

■ 165.1850, -0.5842,
0.7148

■ 171.8190, 4.5262,
-5.1033

■ 178.3390, 9.1999,
-10.8213

Harmonies

Analogous

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



120.5270, -22.4448, 59.1738



119.6760, -35.3363, 40.6261



117.1150, -38.0177, 13.9311

Triad

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



119.6760, -35.3363, 40.6261



97.9290, 17.2900, -85.8837



125.5310, 28.3322, 12.6893

Complementary

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



119.6760, -35.3363, 40.6261



94.3240, 35.3363, -40.6261

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.



115.5290, 41.1512, -39.0519



119.6760, -35.3363, 40.6261



101.5600, 33.7409, -89.0681

Square

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



119.6760, -35.3363, 40.6261



98.1750, -2.5513, -68.5595



100.7740, 45.9604, -88.3788



124.4400, 13.0941, 46.9721

Rectangle

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



119.6760, -35.3363, 40.6261



114.2910, -31.6955, -7.2712



100.7740, 45.9604, -88.3788



123.5830, 32.7436, -2.2653

Sweetspot

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



119.6760, -35.3363, 40.6261



198.8420, -13.7261, 15.9246



89.7800, 7.5035, 66.8449



99.1770, -8.4683, 9.4918



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.



119.6760, -35.3363, 40.6261



144.3680, -54.9044, 63.6983



151.9500, -51.2474, 10.5678



80.7400, -2.3368, 2.8590



90.0380, -44.3887, 50.8327



12.4370, -6.1314, 6.6328

Inverse Universe

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



94.3240, 35.3363, -40.6261



105.0450, 55.1938, -63.1835



62.0500, 51.2473, -10.5678



79.2600, 2.3368, -2.8590



57.9620, 44.3887, -50.8327



8.1500, 5.8421, -7.1475

Previews

White Background



This preview shows how the YUV color 119.6760, -35.3363, 40.6261 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 119.6760, -35.3363, 40.6261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

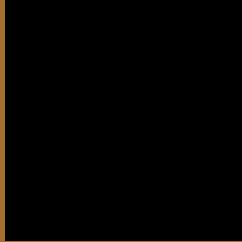
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.6760, -35.3363, 40.6261

Background



This preview shows how black text looks on a background with the YUV color 119.6760, -35.3363, 40.6261.



This preview shows how white text looks on a background with the YUV color 119.6760, -35.3363, 40.6261.

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

119.6760, -35.3363, 40.6261

Protanopia

118.7930, -32.9289, 15.0905

Deuteranopia

119.0830, -36.0299, 29.7452



Tritanopia

123.9450, -6.3819, 40.3902

Trichromacy



Original Color

119.6760, -35.3363, 40.6261

Protanomaly

119.0330, -33.5403, 24.5271

Deuteranomaly

119.5180, -35.7514, 33.7487

Tritanomaly

122.7850, -17.1490, 40.5306

Monochromacy



Original Color

119.6760, -35.3363, 40.6261

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7710, -12.7051, 15.1098

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6760, -35.3363, 40.6261 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(166, 110, 48)` looks like.

```
.text, #text, p{  
    color:rgb(166, 110, 48)  
}
```

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(166, 110, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 110, 48) }
```

Border

The CSS property to change the border of an element to YUV 119.6760, -35.3363, 40.6261 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(166, 110, 48) }
```


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

```
.border{ border-color:rgb(166, 110, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 110, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 110, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 110, 48);  
box-shadow:4px 4px 4px 4px rgb(166, 110,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 119.6760, -35.3363, 40.6261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 110, 48) }
```

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

```
.background{ background-color: rgb(166,  
110, 48) }
```

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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