

Converting Colors

YUV(113.0770, -0.5310,
-63.2115)

Have a look what the booklet for
YUV(113.0770, -0.5310, -63.2115)
contains.

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Color

**YUV(113.0770, -0.5310,
-63.2115)**

Conversions

Conversions Part 1

Format	Color
Hex	299670
RGB	41, 150, 112
RGB Percent	16%, 59%, 44%
CMY	0.8392, 0.4118, 0.5608
CMYK	0.73, 0.00, 0.25, 0.41
HSL	159°, 57%, 37%
HSV	159°, 73%, 59%
XYZ	14.7454, 23.4540, 19.0791
YIQ	113.0770, -52.7660, -34.9260

Conversions

Conversions Part 2

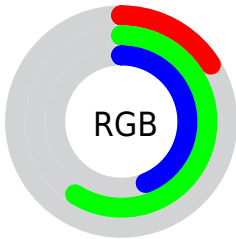
Format	Color
RYB	41, 107, 150
Decimal	2725488
CIELab	55.54, -39.68, 11.42
CIELCh	56, 41.296, 163.943
Yxy	23.4540, 0.2574, 0.4095
Android (android.graphics.Color)	4280915568 (0xFF299670)
YUV	113.0770, -0.5310, -63.2115
Hunter-Lab	48.4293, -30.4028, 10.5427

Details

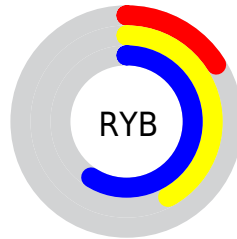
The YUV color **113.0770, -0.5310, -63.2115** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **77.9230, 0.5310, 63.2115**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5290, -2.7258, -59.2229**, and **64.8220, -0.4052, -56.8489** is the 20% darker color. If you saturate the color by 10%, you get **108.0220, -0.5038, -71.9333**, and if you desaturate by 10%, it is **118.1320, -0.5581, -54.4898**.

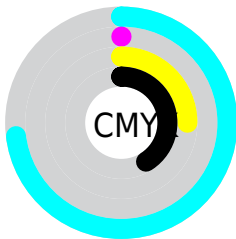
Distribution



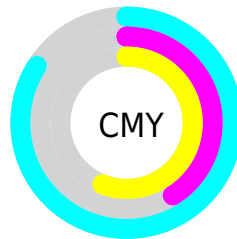
- Red (16%)
- Green (59%)
- Blue (44%)



- Red (16%)
- Yellow (42%)
- Blue (59%)



- Cyan (73%)
- Magenta (0%)
- Yellow (25%)
- Black (41%)



- Cyan (84%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.0770, -0.5310, -63.2115 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 113.0770, -0.5310, -63.2115 by changing the saturation by 10% instead.


 113.0770, -0.5310,
-63.2115

 113.0770, -0.5310,
-63.2115


255.0000, 0.0000,
0.0000


 82.8200, 2.5537,
-72.6331


 169.5290, -2.7258,
-59.2229


 64.8220, -0.4052,
-56.8489


 197.4150, -3.1626,
-59.1230

 47.6390, -2.7800,
-41.7794

 222.1920, -1.5737,
-55.4194

 31.7440, -5.2968,
-27.8395

 234.0550, 6.3819,
-40.3902

 16.4360, -8.1029,
-14.4144

 243.6380, 5.6015,
-23.3615

 0.0000, 0.0000,
0.0000

 252.6080, 1.1793,

-4.9182

■ 113.0770, -0.5310,
-63.2115

■ 113.0770, -0.5310,
-63.2115

■ 108.0220, -0.5038,
-71.9333

■ 118.1320, -0.5581,
-54.4898

■ 102.9670, -0.4767,
-80.6551

■ 123.1870, -0.5852,
-45.7680

■ 99.2220, -0.6024,
-87.0177

■ 128.3560, -0.1755,
-37.1462

■ 133.4110, -0.2026,
-28.4244

■ 138.4660, -0.2297,
-19.7027

■ 143.5210, -0.2569,
-10.9809

■ 148.6900, 0.1528,
-2.3591

■ 153.7450, 0.1257,
6.3626

■ 158.8000, 0.0986,
15.0844

Harmonies

Analogous

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



123.5370, -21.4637, -22.3959



113.0770, -0.5310, -63.2115



105.6230, 21.3849, -92.6314

Triad

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



113.0770, -0.5310, -63.2115



131.0210, 34.9926, -23.6974



132.5540, -23.4441, 53.0111

Complementary

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



113.0770, -0.5310, -63.2115



77.9230, 0.5310, 63.2115

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.



134.0120, -7.8939, 58.7485



113.0770, -0.5310, -63.2115



136.7120, 23.8060, 17.7926

Square

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



113.0770, -0.5310, -63.2115



106.2680, 46.7029, -93.1970



136.5880, 8.5841, 46.8423



131.0990, -33.5728, 34.9932

Rectangle

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



113.0770, -0.5310, -63.2115



107.6580, 31.7206, -94.4161



136.5880, 8.5841, 46.8423



133.4280, -18.9450, 56.6296

Sweetspot

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



113.0770, -0.5310, -63.2115



179.4330, -0.2135, -24.9357



116.3450, -37.1451, -32.7516



88.4990, -0.2460, -14.4696



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



113.0770, -0.5310, -63.2115



136.7430, -0.8593, -97.9986



108.0170, 20.6976, -58.7739



71.5650, -0.2785, -4.0035



91.2660, -0.6241, -80.0403



6.6680, 0.1637, -5.8478

Inverse Universe

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



77.9230, 0.5310, 63.2115



82.2570, 0.8593, 97.9986



82.9830, -20.6976, 58.7739



69.3210, -0.1583, 4.1035



46.7340, 0.6241, 80.0403



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 113.0770, -0.5310, -63.2115 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 113.0770, -0.5310, -63.2115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

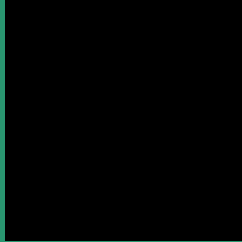
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.0770, -0.5310, -63.2115

Background



This preview shows how black text looks on a background with the YUV color 113.0770, -0.5310, -63.2115.



This preview shows how white text looks on a background with the YUV color 113.0770, -0.5310,

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

113.0770, -0.5310, -63.2115

Protanopia

131.3850, -13.9938, 8.4324

Deuteranopia

132.7370, -7.7583, 15.1397



Tritanopia

120.5510, 17.4764, -52.2262

Trichromacy



Original Color

113.0770, -0.5310, -63.2115

Protanomaly

125.0720, -9.4025, -17.6031

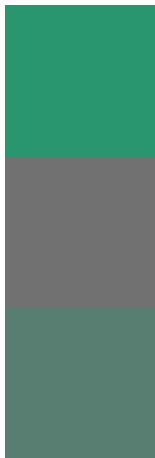
Deuteranomaly

125.2450, -5.0508, -13.3699

Tritanomaly

117.8080, 10.9407, -55.9596

Monochromacy



Original Color

113.0770, -0.5310, -63.2115

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8570, 0.0705, -22.6766

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0770, -0.5310, -63.2115 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(41, 150, 112)` looks like.

```
.text, #text, p{  
    color:rgb(41, 150, 112)  
}
```

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(41, 150, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 150, 112) }
```

Border

The CSS property to change the border of an element to YUV 113.0770, -0.5310, -63.2115 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(41, 150, 112) }
```


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

```
.border{ border-color:rgb(41, 150, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 150, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 150, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 150, 112);  
box-shadow:4px 4px 4px 4px rgb(41, 150,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 113.0770, -0.5310, -63.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 150, 112) }
```

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

```
.background{ background-color: rgb(41, 150,  
112) }
```

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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