

Converting Colors

YUV(110.6310, -0.8041,
-68.9594)

Have a look what the booklet for
YUV(110.6310, -0.8041, -68.9594)
contains.

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Color

**YUV(110.6310, -0.8041,
-68.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	20976D
RGB	32, 151, 109
RGB Percent	13%, 59%, 43%
CMY	0.8745, 0.4078, 0.5725
CMYK	0.79, 0.00, 0.28, 0.41
HSL	159°, 65%, 36%
HSV	159°, 79%, 59%
XYZ	14.4226, 23.5444, 18.2524
YIQ	110.6310, -57.4420, -38.2900

Conversions

Conversions Part 2

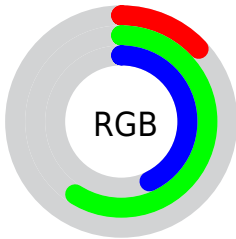
Format	Color
R_{YB}	32, 104, 151
Decimal	2135917
CIE _{Lab}	55.63, -42.06, 13.22
CIE _{LCh}	56, 44.085, 162.548
Yxy	23.5444, 0.2565, 0.4188
Android (android.graphics.Color)	4280325997 (0xFF20976D)
YUV	110.6310, -0.8041, -68.9594
Hunter-Lab	48.5226, -31.8582, 11.6631

Details

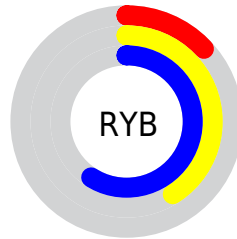
The YUV color **110.6310, -0.8041, -68.9594** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **72.3690, 0.8041, 68.9594**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2790, -3.5885, -62.5117**, and **65.0670, -2.0050, -57.0638** is the 20% darker color. If you saturate the color by 10%, you get **105.5760, -0.7770, -77.6812**, and if you desaturate by 10%, it is **115.6860, -0.8312, -60.2376**.

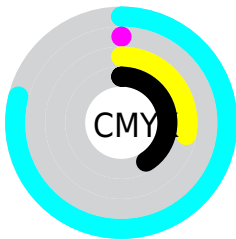
Distribution



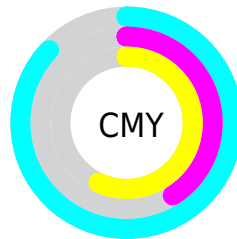
- Red (13%)
- Green (59%)
- Blue (43%)



- Red (13%)
- Yellow (41%)
- Blue (59%)



- Cyan (79%)
- Magenta (0%)
- Yellow (28%)
- Black (41%)



- Cyan (87%)
- Magenta (41%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.6310, -0.8041, -68.9594 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 110.6310, -0.8041, -68.9594 by changing the saturation by 10% instead.

■ 110.6310, -0.8041,
-68.9594

■ 110.6310, -0.8041,
-68.9594

255.0000, 0.0000,
0.0000

■ 83.0650, 0.9540,
-72.8480

■ 168.2790, -3.5885,
-62.5117

■ 65.0670, -2.0050,
-57.0638

■ 197.0510, -4.4621,
-62.3117

■ 47.8840, -4.3798,
-41.9943

■ 220.5400, -2.7312,
-57.4786

■ 31.5160, -6.1704,
-27.6395

■ 232.2180, 5.8085,
-43.1642

■ 16.4360, -8.1029,
-14.4144

■ 242.4420, 6.1911,
-25.8206

■ 0.0000, 0.0000,
0.0000

■ 251.1130, 1.9163,

-7.9921

■ 110.6310, -0.8041,
-68.9594

■ 110.6310, -0.8041,
-68.9594

■ 105.5760, -0.7770,
-77.6812

■ 115.6860, -0.8312,
-60.2376

■ 100.4070, -1.1867,
-86.3029

■ 120.8550, -0.4215,
-51.6158

■ 99.8090, -0.8918,
-87.5325

■ 125.9100, -0.4486,
-42.8941

■ 130.9650, -0.4757,
-34.1723

■ 136.4330, -0.2135,
-24.9357

■ 141.4880, -0.2406,
-16.2140

■ 146.5430, -0.2677,
-7.4922

■ 151.7120, 0.1420,
1.1296

■ 156.7670, 0.1149,
9.8513

Harmonies

Analogous

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



123.5540, -23.9371, -22.4109



110.6310, -0.8041, -68.9594



106.7970, 20.8061, -93.6610

Triad

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



110.6310, -0.8041, -68.9594



130.1990, 38.3559, -29.1155



132.3480, -24.3286, 56.6998

Complementary

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



110.6310, -0.8041, -68.9594



72.3690, 0.8041, 68.9594

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.



134.1480, -7.4680, 62.1372



110.6310, -0.8041, -68.9594



137.2820, 25.9900, 17.2927

Square

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



110.6310, -0.8041, -68.9594



108.0120, 48.3081, -94.7265



136.3540, 10.1785, 48.8015



130.9530, -35.4728, 37.7522

Rectangle

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



110.6310, -0.8041, -68.9594



108.9460, 31.5786, -95.5456



136.3540, 10.1785, 48.8015



132.7490, -19.1033, 60.7331

Sweetspot

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



110.6310, -0.8041, -68.9594



180.1230, -0.0606, -27.2949



115.0090, -40.9234, -34.2109



89.4880, -0.2406, -16.2140



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



110.6310, -0.8041, -68.9594



132.9760, -0.9742, -107.8500



106.0270, 22.1717, -64.9217



74.2660, -0.1311, -4.6183



92.5540, -0.7661, -81.1699



8.5430, -0.2677, -7.4922

Inverse Universe

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



72.3690, 0.8041, 68.9594



73.1380, 1.4110, 107.7500



76.9730, -22.1717, 64.9217



71.7340, 0.1311, 4.6183



47.5600, 1.2029, 81.0699



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 110.6310, -0.8041, -68.9594 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 110.6310, -0.8041, -68.9594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

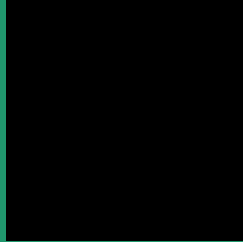
Any Text WCAG AA ✓ Pass

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 110.6310, -0.8041, -68.9594 Background



This preview shows how black text looks on a background with the YUV color 110.6310, -0.8041, -68.9594.



This preview shows how white text looks on a background with the YUV color 110.6310, -0.8041, -68.9594.

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

110.6310, -0.8041, -68.9594

Protanopia

131.3420, -15.4516, 9.3471

Deuteranopia

132.9930, -9.3635, 16.6691



Tritanopia

120.3550, 18.0660, -54.6853

Trichromacy



Original Color

110.6310, -0.8041, -68.9594

Protanomaly

123.8330, -10.2707, -19.1475

Deuteranomaly

124.8920, -6.3558, -14.8143

Tritanomaly

116.9000, 11.3883, -59.5483

Monochromacy



Original Color

110.6310, -0.8041, -68.9594

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0200, -0.5029, -25.4505

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.6310, -0.8041, -68.9594 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(32, 151, 109)` looks like.

```
.text, #text, p{  
    color:rgb(32, 151, 109)  
}
```

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(32, 151, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 151, 109) }
```

Border

The CSS property to change the border of an element to YUV 110.6310, -0.8041, -68.9594 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(32, 151, 109) }
```


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

```
.border{ border-color:rgb(32, 151, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 151, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 151, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 151, 109);  
box-shadow:4px 4px 4px 4px rgb(32, 151,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 110.6310, -0.8041, -68.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 151, 109) }
```

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

```
.background{ background-color: rgb(32, 151,  
109) }
```

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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