

Converting Colors

YUV(104.9760, -3.9322,
-45.5830)

Have a look what the booklet for
YUV(104.9760, -3.9322, -45.5830)
contains.

YUV(104.9760, -3.9322, -45.5830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.9760, -3.9322,
-45.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	358561
RGB	53, 133, 97
RGB Percent	21%, 52%, 38%
CMY	0.7922, 0.4784, 0.6196
CMYK	0.60, 0.00, 0.27, 0.48
HSL	153°, 43%, 36%
HSV	153°, 60%, 52%
XYZ	12.0134, 18.3950, 14.2267
YIQ	104.9760, -36.1240, -28.1560

Conversions

Conversions Part 2

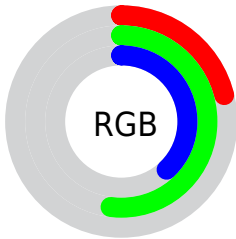
Format	Color
RYB	53, 105, 133
Decimal	3507553
CIELab	49.97, -33.43, 12.26
CIELCh	50, 35.611, 159.867
Yxy	18.3950, 0.2691, 0.4121
Android (android.graphics.Color)	4281697633 (0xFF358561)
YUV	104.9760, -3.9322, -45.5830
Hunter-Lab	42.8894, -25.0583, 10.3557

Details

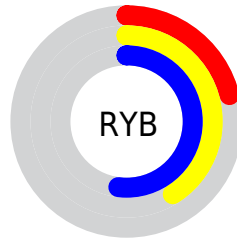
The YUV color **104.9760, -3.9322, -45.5830** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **81.0240, 3.9322, 45.5830**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6340, -5.2426, -45.2830**, and **54.4210, -2.1796, -47.7272** is the 20% darker color. If you saturate the color by 10%, you get **100.4050, -4.6367, -52.9752**, and if you desaturate by 10%, it is **109.5470, -3.2277, -38.1907**.

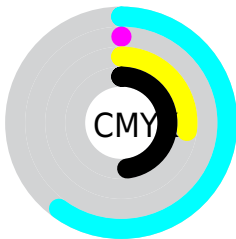
Distribution



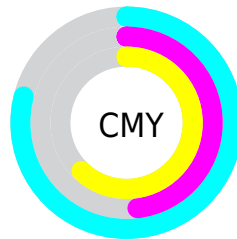
- Red (21%)
- Green (52%)
- Blue (38%)



- Red (21%)
- Yellow (41%)
- Blue (52%)



- Cyan (60%)
- Magenta (0%)
- Yellow (27%)
- Black (48%)



- Cyan (79%)
- Magenta (48%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9760, -3.9322, -45.5830 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 104.9760, -3.9322, -45.5830 by changing the saturation by 10% instead.

■ 104.9760, -3.9322,
-45.5830

■ 104.9760, -3.9322,
-45.5830

■ 255.0000, 0.0000,
0.0000

■ 77.7090, -2.3215,
-48.8568

■ 158.6340, -5.2426,
-45.2830

■ 54.4210, -2.1796,
-47.7272

■ 186.1070, -5.9688,
-45.6978

■ 37.9390, -4.4069,
-33.2725

■ 214.1070, -5.9688,
-45.6978

■ 22.2890, -8.5235,
-19.5475

■ 232.7150, -1.3385,
-37.4611

■ 0.0000, 0.0000,
0.0000

■ 244.2360, 5.3067,
-22.1320

■ 252.9070, 1.0318,

-4.3034

■ 104.9760, -3.9322,
-45.5830

■ 104.9760, -3.9322,
-45.5830

■ 100.4050, -4.6367,
-52.9752

■ 109.5470, -3.2277,
-38.1907

■ 95.5350, -5.1938,
-60.9822

■ 114.4170, -2.6706,
-30.1837

■ 90.9640, -5.8983,
-68.3744

■ 118.9880, -1.9661,
-22.7915

■ 86.3930, -6.6027,
-75.7667

■ 123.5590, -1.2616,
-15.3992

■ 128.4290, -0.7045,
-7.3922

■ 133.0000, 0.0000,
0.0000

■ 137.5710, 0.7045,
7.3922

■ 142.1420, 1.4090,
14.7845

■ 147.0120, 1.9661,
22.7915

Harmonies

Analogous

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



111.6350, -20.0331, -14.5889



104.9760, -3.9322, -45.5830



93.8370, 16.8424, -82.2950

Triad

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



104.9760, -3.9322, -45.5830



116.4570, 30.3407, -24.9568



119.4760, -18.4757, 46.0635

Complementary

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



104.9760, -3.9322, -45.5830



81.0240, 3.9322, 45.5830

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.



120.3420, -5.0986, 48.8121



104.9760, -3.9322, -45.5830



121.9840, 21.2069, 11.4150

Square

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



104.9760, -3.9322, -45.5830



95.0860, 39.3976, -83.3904



121.9350, 8.9060, 36.8910



117.6840, -27.4522, 31.8491

Rectangle

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



104.9760, -3.9322, -45.5830



95.5300, 25.8677, -83.7798



121.9350, 8.9060, 36.8910



119.5240, -14.5553, 48.6525

Sweetspot

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



104.9760, -3.9322, -45.5830



162.1350, -1.5456, -17.6584



110.7240, -28.4579, -19.0519



80.2930, -1.1304, -10.7810



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



104.9760, -3.9322, -45.5830



129.5400, -6.1822, -70.6336



106.7320, 12.9501, -47.1230



63.8640, -0.4260, -3.3887



84.5180, -6.1714, -74.1223



1.8750, -0.4314, -1.6444

Inverse Universe

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



81.0240, 3.9322, 45.5830



92.4600, 6.1822, 70.6336



79.2680, -12.9501, 47.1230



62.1360, 0.4260, 3.3887



45.5960, 6.6082, 74.0223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 104.9760, -3.9322, -45.5830 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 104.9760, -3.9322, -45.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

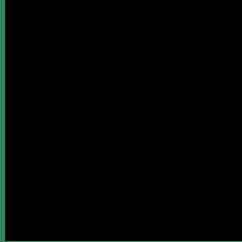
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.9760, -3.9322, -45.5830

Background



This preview shows how black text looks on a background with the YUV color 104.9760, -3.9322, -45.5830.



This preview shows how white text looks on a background with the YUV color 104.9760, -3.9322, -45.5830.

-45.5830.

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

104.9760, -3.9322, -45.5830

Protanopia

117.2000, -13.4096, 7.7176

Deuteranopia

119.0960, -8.9213, 14.8248



Tritanopia

110.9010, 13.3598, -38.5012

Trichromacy



Original Color

104.9760, -3.9322, -45.5830

Protanomaly

112.4040, -9.5662, -11.7553

Deuteranomaly

114.1210, -6.9617, -7.1221

Tritanomaly

108.8700, 6.9661, -41.1050

Monochromacy



Original Color

104.9760, -3.9322, -45.5830

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8470, -1.4036, -16.5288

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9760, -3.9322, -45.5830 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(53, 133, 97)` looks like.

```
.text, #text, p{  
    color:rgb(53, 133, 97)  
}
```

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(53, 133, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 133, 97) }
```

Border

The CSS property to change the border of an element to YUV 104.9760, -3.9322, -45.5830 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(53, 133, 97) }
```


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

```
.border{ border-color:rgb(53, 133, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 133, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 133, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 133, 97);  
box-shadow:4px 4px 4px 4px rgb(53, 133,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 104.9760, -3.9322, -45.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 133, 97) }
```

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

```
.background{ background-color: rgb(53, 133,  
97) }
```

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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