

Converting Colors

YUV(108.3950, 0.7913,
-20.5174)

Have a look what the booklet for
YUV(108.3950, 0.7913, -20.5174)
contains.

YUV(108.3950, 0.7913, -20.5174)	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(108.3950, 0.7913,
-20.5174)**

Conversions

Conversions Part 1

Format	Color
Hex	55786E
RGB	85, 120, 110
RGB Percent	33%, 47%, 43%
CMY	0.6667, 0.5294, 0.5686
CMYK	0.29, 0.00, 0.08, 0.53
HSL	163°, 17%, 40%
HSV	163°, 29%, 47%
XYZ	13.2773, 16.4900, 17.2350
YIQ	108.3950, -17.6500, -10.5300

Conversions

Conversions Part 2

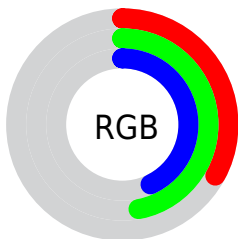
Format	Color
R _Y B	85, 105, 120
Decimal	5601390
CIE Lab	47.61, -14.75, 1.49
CIE LCh	48, 14.826, 174.248
Yxy	16.4900, 0.2825, 0.3508
Android (android.graphics.Color)	4283791470 (0xFF55786E)
YUV	108.3950, 0.7913, -20.5174
Hunter-Lab	40.6079, -12.7011, 3.2615

Details

The YUV color $108.3950, 0.7913, -20.5174$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $96.6050, -0.7913, 20.5174$, and the grayscale version is $108.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $160.0960, 0.9387, -21.1322$, and $60.2210, 1.3700, -19.4878$ is the 20% darker color. If you saturate the color by 10%, you get $104.4650, 1.2498, -27.5948$, and if you desaturate by 10%, it is $112.3250, 0.3328, -13.4400$.

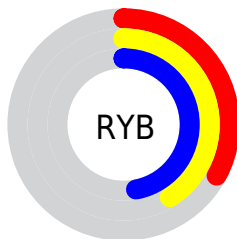
Distribution



Red (33%)

Green (47%)

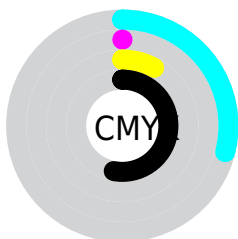
Blue (43%)



Red (33%)

Yellow (41%)

Blue (47%)

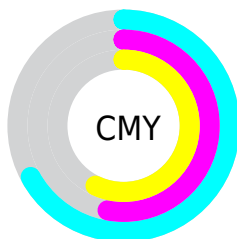


Cyan (29%)

Magenta (0%)

Yellow (8%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.3950, 0.7913, -20.5174 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 108.3950, 0.7913, -20.5174 by changing the saturation by 10% instead.

■ 108.3950, 0.7913,
-20.5174

■ 108.3950, 0.7913,
-20.5174

■ 255.0000, 0.0000,
0.0000

■ 83.8080, 1.0807,
-20.0026

■ 160.0960, 0.9387,
-21.1322

■ 60.2210, 1.3700,
-19.4878

■ 187.3840, 0.7967,
-22.2618

■ 37.9220, 1.5175,
-20.1026

■ 214.9710, 0.5073,
-22.7766

■ 18.7160, 0.6330,
-16.4139

■ 242.4980, 1.2335,
-22.3617

■ 0.0000, 0.0000,
0.0000

■ 252.3090, 1.3267,
-5.5330

■ 108.3950, 0.7913,
-20.5174

■ 108.3950, 0.7913,
-20.5174

■ 104.4650, 1.2498,
-27.5948

■ 112.3250, 0.3328,
-13.4400

■ 100.4210, 1.2714,
-34.5722

■ 116.3690, 0.3111,
-6.4626

■ 96.4910, 1.7299,
-41.6496

■ 120.2990, -0.1474,
0.6148

■ 92.4470, 1.7516,
-48.6270

■ 124.3430, -0.1691,
7.5922

■ 88.5170, 2.2101,
-55.7044

■ 128.2730, -0.6276,
14.6696

■ 84.4730, 2.2318,
-62.6818

■ 132.3170, -0.6493,
21.6470

■ 80.5430, 2.6903,
-69.7592

■ 136.2470, -1.1078,
28.7244

■ 80.2440, 2.8377,

■ 140.1770, -1.5663,

-70.3740

35.8018

■ 144.2210, -1.5880,
42.7792

Harmonies

Analogous

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



109.4410, -5.6404, -10.9108



108.3950, 0.7913, -20.5174



108.0830, 7.3541, -25.5058

Triad

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



108.3950, 0.7913, -20.5174



114.1490, 10.7725, -1.8847



113.7760, -10.2426, 18.6134

Complementary

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



108.3950, 0.7913, -20.5174



96.6050, -0.7913, 20.5174

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.



114.9380, -5.8854, 21.1024



108.3950, 0.7913, -20.5174



115.3740, 6.2246, 10.1960

Square

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



108.3950, 0.7913, -20.5174



111.5280, 12.5577, -14.4951



114.9360, 0.5246, 18.4731



112.5640, -12.1101, 10.9064

Rectangle

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



108.3950, 0.7913, -20.5174



108.5930, 10.5537, -25.0761



114.9360, 0.5246, 18.4731



114.1290, -8.9376, 20.0579

Sweetspot

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



108.3950, 0.7913, -20.5174



151.3580, 0.3165, -8.2070



108.8340, -11.7502, -11.2554



76.0810, 0.4531, -5.3330



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



108.3950, 0.7913, -20.5174



137.7310, 1.1186, -32.2131



105.4260, 7.1850, -17.9136



58.9780, 0.0108, -3.4887



83.5210, 2.7011, -73.2479



168.4440, 5.6971, -147.7254

Inverse Universe

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



96.6050, -0.7913, 20.5174



119.2690, -1.1186, 32.2131



99.5740, -7.1850, 17.9136



57.0220, -0.0108, 3.4887



41.4790, -2.7011, 73.2479



83.5560, -5.6971, 147.7254

Previews

White Background



This preview shows how the YUV color 108.3950, 0.7913, -20.5174 looks on a white 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

Black Background



This preview shows how the YUV color 108.3950, 0.7913, -20.5174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

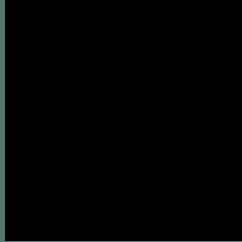
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.3950, 0.7913, -20.5174

Background



This preview shows how black text looks on a background with the YUV color 108.3950, 0.7913, -20.5174.



This preview shows how white text looks on a background with the YUV color 108.3950, 0.7913, -20.5174.

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

108.3950, 0.7913, -20.5174

Protanopia

112.5120, -3.2104, 3.0590

Deuteranopia

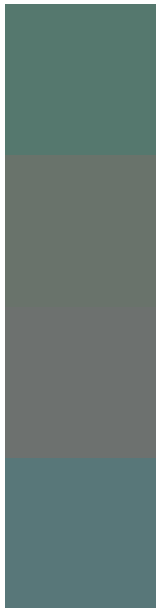
113.5280, -0.7533, 8.3069



Tritanopia

110.3550, 8.2060, -18.7283

Trichromacy



Original Color

108.3950, 0.7913, -20.5174

Protanomaly

111.0980, -2.0203, -5.3479

Deuteranomaly

111.5760, -0.2840, -2.2592

Tritanomaly

109.9590, 5.4432, -19.2580

Monochromacy



Original Color

108.3950, 0.7913, -20.5174

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0700, 0.4585, -7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3950, 0.7913, -20.5174 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(85, 120, 110)` looks like.

```
.text, #text, p{  
    color:rgb(85, 120, 110)  
}
```

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(85, 120, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 120, 110) }
```

Border

The CSS property to change the border of an element to YUV 108.3950, 0.7913, -20.5174 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(85, 120, 110) }
```


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

```
.border{ border-color:rgb(85, 120, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 120, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 120, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 120, 110);  
box-shadow:4px 4px 4px 4px rgb(85, 120,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 108.3950, 0.7913, -20.5174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 120, 110) }
```

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

```
.background{ background-color: rgb(85, 120,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor