

Converting Colors

YIQ(108.9080, 3.2550, 1.5830)

Have a look what the booklet for
YIQ(108.9080, 3.2550, 1.5830)
contains.

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Color

**YIQ(108.9080, 3.2550,
1.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	716B6C
RGB	113, 107, 108
RGB Percent	44%, 42%, 42%
CMY	0.5568, 0.5804, 0.5765
CMYK	0.00, 0.05, 0.04, 0.56
HSL	350°, 3%, 43%
HSV	350°, 5%, 44%
XYZ	14.7749, 15.1086, 16.3258
YIQ	108.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

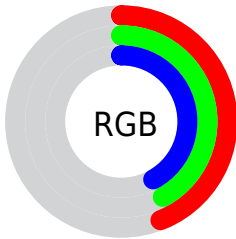
Format	Color
R_{YB}	113, 107, 108
Decimal	7433068
CIE _{Lab}	45.78, 2.54, 0.27
CIE _{LCh}	46, 2.553, 6.079
Yxy	15.1086, 0.3197, 0.3270
Android (android.graphics.Color)	4285623148 (0xFF716B6C)
YUV	108.9080, -0.4476, 3.5887
Hunter-Lab	38.8698, -0.1720, 2.3064

Details

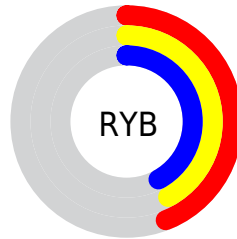
The YIQ color **108.9080, 3.2550, 1.5830** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **111.0920, -3.2550, -1.5830**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2070, 3.8510, 1.7950**, and **61.6090, 2.6590, 1.3710** is the 20% darker color. If you saturate the color by 10%, you get **101.4250, 9.1690, 4.5370**, and if you desaturate by 10%, it is **116.3910, -2.6590, -1.3710**.

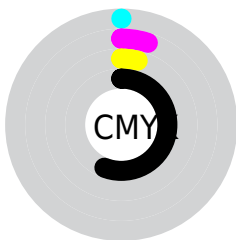
Distribution



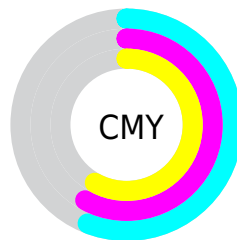
- Red (44%)
- Green (42%)
- Blue (42%)



- Red (44%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.9080, 3.2550, 1.5830 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 YIQ color 108.9080, 3.2550, 1.5830 by changing the saturation by 10% instead.

■ 108.9080, 3.2550,
1.5830

■ 108.9080, 3.2550,
1.5830

255.0000, -0.0000,
-0.0000

■ 84.9080, 3.2550,
1.5830

■ 160.2070, 3.8510,
1.7950

■ 61.6090, 2.6590,
1.3710

■ 187.2070, 3.8510,
1.7950

■ 39.6090, 2.6590,
1.3710

■ 215.2070, 3.8510,
1.7950

■ 18.9080, 3.2550,
1.5830

■ 243.2070, 3.8510,
1.7950

■ 0.0000, 0.0000,
0.0000

■ 108.9080, 3.2550,

■ 108.9080, 3.2550,

1.5830

■ 101.4250, 9.1690,
4.5370

■ 93.2410, 15.6790,
7.7030

■ 85.7580, 21.5930,
10.6570

■ 78.1610, 27.8280,
13.3000

■ 70.0910, 34.0170,
16.7770

■ 62.6080, 39.9310,
19.7310

■ 55.0110, 46.1660,
22.3740

■ 47.5280, 52.0800,
25.3280

1.5830

■ 116.3910, -2.6590,
-1.3710

■ 124.5750, -9.1690,
-4.5370

■ 132.0580,
-15.0830, -7.4910

■ 139.6550,
-21.3180, -10.1340

■ 147.7250,
-27.5070, -13.6110

■ 155.2080,
-33.4210, -16.5650

■ 162.8050,
-39.6560, -19.2080

■ 170.2880,
-45.5700, -22.1620

■ 39.3440, 58.5900,
28.4940

■ 178.4720,
-52.0800, -25.3280

Harmonies

Analogous

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



108.8370, 2.0170, 1.9930



108.9080, 3.2550, 1.5830



108.6800, 3.8970, 0.9610

Triad

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



108.9080, 3.2550, 1.5830



107.9460, 0.0920, -1.6680



108.1460, -3.3470, 0.0850

Complementary

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



108.9080, 3.2550, 1.5830



111.0920, -3.2550, -1.5830

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.



108.0210, -4.4930, -1.1730



108.9080, 3.2550, 1.5830



108.1630, -2.0170, -1.9930

Square

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



108.9080, 3.2550, 1.5830



108.1420, 2.4760, -0.8200



108.0920, -3.2550, -1.5830



108.2710, -2.2010, 1.3430

Rectangle

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



108.9080, 3.2550, 1.5830



108.2670, 3.6220, 0.4380



108.0920, -3.2550, -1.5830



107.8470, -3.9430, -0.1270

Sweetspot

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



108.9080, 3.2550, 1.5830



145.8970, 1.7880, 0.6360



109.1790, 1.0540, 2.9260



72.7120, 0.8710, 0.7350



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



108.9080, 3.2550, 1.5830



141.9190, 4.7220, 2.5300



109.9680, 3.0260, 0.2260



53.3100, 2.0630, 1.1590



38.1600, 65.1000, 31.6600



78.5270, 134.0510, 65.1150

Inverse Universe

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



108.9080, 3.2550, 1.5830



141.9190, 4.7220, 2.5300



110.0320, -3.0260, -0.2260



53.3100, 2.0630, 1.1590



38.1600, 65.1000, 31.6600



78.5270, 134.0510, 65.1150

Previews

White Background



This preview shows how the YIQ color 108.9080, 3.2550, 1.5830 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 YIQ color 108.9080, 3.2550, 1.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

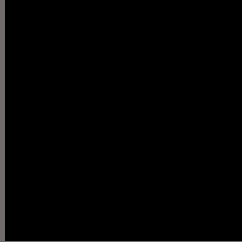
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.9080, 3.2550, 1.5830

Background



This preview shows how black text looks on a background with the YIQ color 108.9080, 3.2550, 1.5830.



This preview shows how white text looks on a background with the YIQ color 108.9080, 3.2550,

1.5830.

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

108.9080, 3.2550, 1.5830

Protanopia

108.7120, 0.8710, 0.7350

Deuteranopia

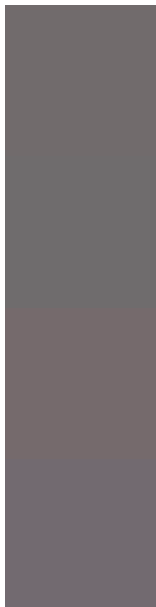
109.5280, 7.3810, 3.9010



Tritanopia

109.3040, 2.2000, 4.1840

Trichromacy



Original Color

108.9080, 3.2550, 1.5830

Protanomaly

109.0110, 1.4670, 0.9470

Deuteranomaly

109.5170, 5.9140, 2.9540

Tritanomaly

109.0760, 2.8420, 3.5620

Monochromacy



Original Color

108.9080, 3.2550, 1.5830

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.7120, 0.8710, 0.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.9080, 3.2550, 1.5830 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(113, 107, 108)` looks like.

```
.text, #text, p{  
    color:rgb(113, 107, 108)  
}
```

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(113, 107, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 107, 108) }
```

Border

The CSS property to change the border of an element to YIQ 108.9080, 3.2550, 1.5830 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(113, 107, 108) }
```


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

```
.border{ border-color:rgb(113, 107, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 107, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 107, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 107, 108);  
box-shadow:4px 4px 4px 4px rgb(113, 107,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 108.9080, 3.2550, 1.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 107, 108) }
```

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

```
.background{ background-color: rgb(113,  
107, 108) }
```

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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