

Converting Colors

YIQ(109.3100, 11.2310, 11.2230)

Have a look what the booklet for
YIQ(109.3100, 11.2310, 11.2230)
contains.

YIQ(109.3100, 11.2310, 11.2230)	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

**YIQ(109.3100, 11.2310,
11.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6374
RGB	127, 99, 116
RGB Percent	50%, 39%, 45%
CMY	0.5019, 0.6118, 0.5451
CMYK	0.00, 0.22, 0.09, 0.50
HSL	324°, 12%, 44%
HSV	324°, 22%, 50%
XYZ	16.3689, 14.6961, 18.4993
YIQ	109.3100, 11.2310, 11.2230

Conversions

Conversions Part 2

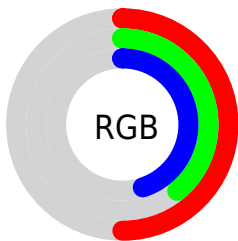
Format	Color
R_{YB}	127, 99, 116
Decimal	8348532
CIE _{Lab}	45.22, 14.32, -5.23
CIE _{LCh}	45, 15.249, 339.948
Yxy	14.6961, 0.3303, 0.2965
Android (android.graphics.Color)	4286538612 (0xFF7F6374)
YUV	109.3100, 3.2982, 15.5141
Hunter-Lab	38.3355, 9.1306, -1.7763

Details

The YIQ color **109.3100, 11.2310, 11.2230** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **116.6900, -11.2310, -11.2230**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0220, 12.1020, 11.9580**, and **61.5980, 10.3600, 10.4880** is the 20% darker color. If you saturate the color by 10%, you get **101.1090, 16.4110, 16.4670**, and if you desaturate by 10%, it is **117.5110, 6.0510, 5.9790**.

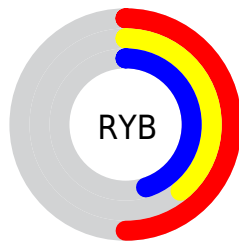
Distribution



Red (50%)

Green (39%)

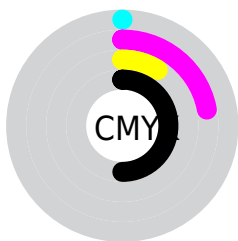
Blue (45%)



Red (50%)

Yellow (39%)

Blue (45%)

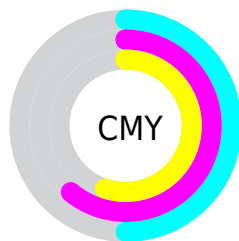


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (50%)



Cyan (50%)

Magenta (61%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.3100, 11.2310, 11.2230 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 109.3100, 11.2310, 11.2230 by changing the saturation by 10% instead.

■ 109.3100, 11.2310,
11.2230

■ 109.3100, 11.2310,
11.2230

255.0000, -0.0000,
-0.0000

■ 84.8970, 10.9560,
10.7000

■ 161.0220, 12.1020,
11.9580

■ 61.5980, 10.3600,
10.4880

■ 188.3210, 12.6980,
12.1700

■ 39.5870, 8.8930,
9.5410

■ 215.7340, 12.9730,
12.6930

■ 17.4130, 9.4430,
10.5870

■ 241.1570, 7.2880,
11.0960

■ 0.0000, 0.0000,
0.0000

■ 109.3100, 11.2310,

■ 109.3100, 11.2310,

11.2230

11.2230

101.1090, 16.4110,
16.4670

117.5110, 6.0510,
5.9790

93.4950, 21.3160,
21.1880

125.1250, 1.1460,
1.2580

85.2940, 26.4960,
26.4320

133.3260, -4.0340,
-3.9860

77.0930, 31.6760,
31.6760

141.5270, -9.2140,
-9.2300

68.8920, 36.8560,
36.9200

149.7280,
-14.3940, -14.4740

61.2780, 41.7610,
41.6410

157.3420,
-19.2990, -19.1950

53.0770, 46.9410,
46.8850

165.5430,
-24.4790, -24.4390

46.7510, 50.9750,
50.8710

173.7440,
-29.6590, -29.6830

■ 181.3580,
-34.5640, -34.4040

Harmonies

Analogous

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



108.4380, -0.8730, 10.3190



109.3100, 11.2310, 11.2230



109.0350, 19.2550, 8.9750

Triad

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



109.3100, 11.2310, 11.2230



106.2320, 10.7300, -7.2380



101.8810, -27.6460, -5.5820

Complementary

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



109.3100, 11.2310, 11.2230



116.6900, -11.2310, -11.2230

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.



101.6980, -22.8770, -9.4130



109.3100, 11.2310, 11.2230



104.3770, -0.0440, -10.2200

Square

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



109.3100, 11.2310, 11.2230



106.9990, 18.9360, -1.7680



103.2060, -12.7440, -11.3360



104.6090, -23.7040, 0.0720

Rectangle

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



109.3100, 11.2310, 11.2230



108.7100, 21.5480, 5.9640



103.2060, -12.7440, -11.3360



101.7130, -27.2330, -7.5610

Sweetspot

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



109.3100, 11.2310, 11.2230



158.3860, 4.9050, 4.7210



105.4810, -2.4320, 11.0400



79.6630, 2.5670, 3.0390



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



109.3100, 11.2310, 11.2230



138.8210, 17.2820, 17.2020



107.7140, 15.7250, 6.8690



59.5490, 2.8880, 2.7280



47.0500, 51.5710, 51.0830



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.3100, 11.2310, 11.2230



138.8210, 17.2820, 17.2020



118.2860, -15.7250, -6.8690



59.5490, 2.8880, 2.7280



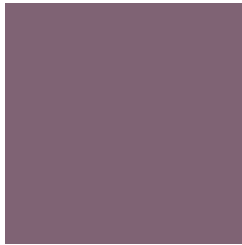
47.0500, 51.5710, 51.0830



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 109.3100, 11.2310, 11.2230 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 109.3100, 11.2310, 11.2230 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 109.3100, 11.2310, 11.2230

Background



This preview shows how black text looks on a background with the YIQ color 109.3100, 11.2310, 11.2230.



This preview shows how white text looks on a background with the YIQ color 109.3100, 11.2310,

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

109.3100, 11.2310, 11.2230

Protanopia

107.4110, -5.4110, 4.4530

Deuteranopia

108.2440, 2.4290, 5.5410



Tritanopia

108.6860, 12.9280, 8.0000

Trichromacy



Original Color

109.3100, 11.2310, 11.2230

Protanomaly

107.8140, 0.8240, 7.0960

Deuteranomaly

108.5650, 5.9590, 7.6470

Tritanomaly

109.0280, 11.9650, 8.9330

Monochromacy



Original Color

109.3100, 11.2310, 11.2230

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.3100, 11.2310, 11.2230 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(127, 99, 116)` looks like.

```
.text, #text, p{  
    color:rgb(127, 99, 116)  
}
```

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(127, 99, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 99, 116) }
```

Border

The CSS property to change the border of an element to YIQ 109.3100, 11.2310, 11.2230 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(127, 99, 116) }
```


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

```
.border{ border-color:rgb(127, 99, 116) }
```

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

Here you see how a box with a 4 pixel rgb(127, 99, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 99, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 99, 116);  
box-shadow:4px 4px 4px 4px rgb(127, 99,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 109.3100, 11.2310, 11.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 99, 116) }
```

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

```
.background{ background-color: rgb(127, 99,  
116) }
```

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