

Converting Colors

YIQ(108.9100, -16.2810,
25.2470)

Have a look what the booklet for
YIQ(108.9100, -16.2810, 25.2470)
contains.

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Color

**YIQ(108.9100, -16.2810,
25.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	6D61AA
RGB	109, 97, 170
RGB Percent	43%, 38%, 67%
CMY	0.5725, 0.6196, 0.3335
CMYK	0.36, 0.43, 0.00, 0.33
HSL	250°, 30%, 52%
HSV	250°, 43%, 67%
XYZ	17.8360, 14.7020, 39.9126
YIQ	108.9100, -16.2810, 25.2470

Conversions

Conversions Part 2

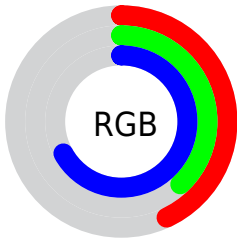
Format	Color
R_{YB}	109, 97, 170
Decimal	7168426
CIE _{Lab}	45.22, 22.36, -37.58
CIE _{LCh}	45, 43.729, 300.758
Yxy	14.7020, 0.2462, 0.2029
Android (android.graphics.Color)	4285358506 (0xFF6D61AA)
YUV	108.9100, 30.1174, 0.0789
Hunter-Lab	38.3432, 15.9318, -34.8765

Details

The YIQ color **108.9100, -16.2810, 25.2470** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **158.0900, 16.2810, -25.2470**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3770, -16.0980, 27.4380**, and **59.7310, -17.3350, 22.3210** is the 20% darker color. If you saturate the color by 10%, you get **94.7450, -19.9500, 31.1700**, and if you desaturate by 10%, it is **123.0750, -12.6120, 19.3240**.

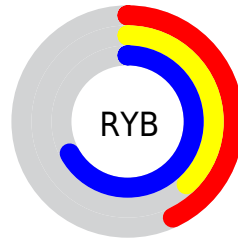
Distribution



Red (43%)

Green (38%)

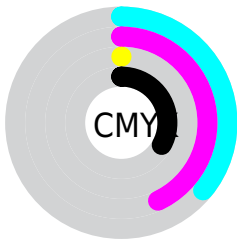
Blue (67%)



Red (43%)

Yellow (38%)

Blue (67%)

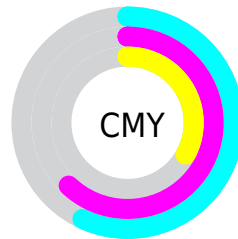


Cyan (36%)

Magenta (43%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (62%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.9100, -16.2810, 25.2470 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 108.9100, -16.2810, 25.2470 by changing the saturation by 10% instead.

■ 108.9100,
-16.2810, 25.2470

■ 108.9100,
-16.2810, 25.2470

■ 255.0000, -0.0000,
-0.0000

■ 83.9700, -16.5100,
23.8900

■ 161.3770,
-16.0980, 27.4380

■ 59.7310, -17.3350,
22.3210

■ 188.3170,
-15.8690, 28.7950

■ 36.7800, -19.0310,
20.0170

■ 213.1250, -6.8810,
20.0870

■ 12.4480, -24.0280,
16.9640

■ 238.2320, 2.7030,
11.5910

■ 6.3040, -14.9950,
12.9490

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,

0.0000

■ 108.9100,
-16.2810, 25.2470

■ 108.9100,
-16.2810, 25.2470

■ 94.7450, -19.9500,
31.1700

■ 123.0750,
-12.6120, 19.3240

■ 80.5800, -23.6190,
37.0930

■ 137.2400, -8.9430,
13.4010

■ 66.1160, -27.8840,
42.8040

■ 151.7040, -4.6780,
7.6900

■ 51.9510, -31.5530,
48.7270

■ 165.8690, -1.0090,
1.7670

■ 37.7860, -35.2220,
54.6500

■ 180.0340, 2.6600,
-4.1560

■ 27.7520, -37.8820,
58.8060

■ 194.1990, 6.3290,
-10.0790

■ 208.3640, 9.9980,
-16.0020

■ 222.8280, 14.2630,
-21.7130

■ 236.9930, 17.9320,
-27.6360

Harmonies

Analogous

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



89.5640, -80.5570, 0.6830



108.9100, -16.2810, 25.2470



109.8840, 22.1390, 33.8110

Triad

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



108.9100, -16.2810, 25.2470



104.9520, 52.6810, -2.0950



85.5730, -68.7220, -32.0980

Complementary

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



108.9100, -16.2810, 25.2470



158.0900, 16.2810, -25.2470

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.



90.0590, -35.1600, -34.6160



108.9100, -16.2810, 25.2470



102.5010, 37.2330, -19.4950

Square

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



108.9100, -16.2810, 25.2470



105.4220, 57.9500, 18.0620



99.2630, 8.3040, -29.3600



89.0900, -80.0030, -20.3790

Rectangle

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



108.9100, -16.2810, 25.2470



107.9370, 40.9830, 33.7110



99.2630, 8.3040, -29.3600



83.5040, -64.2740, -35.6180

Sweetspot

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



108.9100, -16.2810, 25.2470



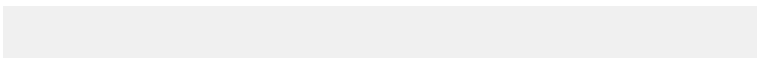
197.8010, -6.3290, 10.0790



141.7160, -40.4830, -9.7230



96.9490, -3.9900, 6.2340



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



108.9100, -16.2810, 25.2470



124.9050, -25.9120, 40.1040



119.3750, 4.5790, 32.6670



77.2110, -1.9720, 2.7000



24.0480, -33.2040, 51.1160



3.1770, -4.6320, 6.8560

Inverse Universe

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



125.7810, 23.9270, 34.4470



151.7420, 37.9990, 54.7590



147.6250, -4.5790, -32.6670



79.1900, 2.5210, 3.8730



58.3880, 48.4040, 69.9400



7.9180, 6.4630, 9.5270

Previews

White Background



This preview shows how the YIQ color 108.9100, -16.2810, 25.2470 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 108.9100, -16.2810, 25.2470 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 108.9100, -16.2810, 25.2470

Background



This preview shows how black text looks on a background with the YIQ color 108.9100, -16.2810, 25.2470.

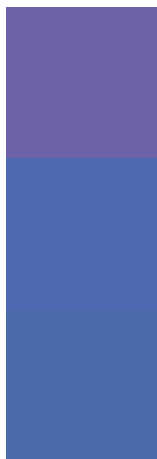


This preview shows how white text looks on a background with the YIQ color 108.9100, -16.2810,

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

108.9100, -16.2810, 25.2470

Protanopia

105.1350, -39.2040, 16.6680

Deuteranopia

104.0870, -39.2490, 11.9750



Tritanopia

106.3240, -9.7200, -0.0560

Trichromacy



Original Color

108.9100, -16.2810, 25.2470

Protanomaly

106.3210, -30.8600, 19.6360

Deuteranomaly

105.7400, -30.7220, 17.1340

Tritanomaly

107.3380, -12.3350, 8.7930

Monochromacy



Original Color

108.9100, -16.2810, 25.2470

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

109.1600, -5.9620, 8.9340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.9100, -16.2810, 25.2470 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(109, 97, 170)` looks like.

```
.text, #text, p{  
    color:rgb(109, 97, 170)  
}
```

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(109, 97, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 97, 170) }
```

Border

The CSS property to change the border of an element to YIQ 108.9100, -16.2810, 25.2470 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(109, 97, 170) }
```


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

```
.border{ border-color:rgb(109, 97, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 97, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 97, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 97, 170);  
box-shadow:4px 4px 4px 4px rgb(109, 97,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 108.9100, -16.2810, 25.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 97, 170) }
```

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

```
.background{ background-color: rgb(109, 97,  
170) }
```

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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