

Converting Colors

YIQ(108.2910, 4.2150, 17.2310)

Have a look what the booklet for
YIQ(108.2910, 4.2150, 17.2310)
contains.

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Color

**YIQ(108.2910, 4.2150,
17.2310)**

Conversions

Conversions Part 1	
Format	Color
Hex	7B6085
RGB	123, 96, 133
RGB Percent	48%, 38%, 52%
CMY	0.5176, 0.6236, 0.4784
CMYK	0.07, 0.28, 0.00, 0.48
HSL	284°, 16%, 45%
HSV	284°, 28%, 52%
XYZ	16.5868, 14.2697, 24.0693
YIQ	108.2910, 4.2150, 17.2310

Conversions

Conversions Part 2

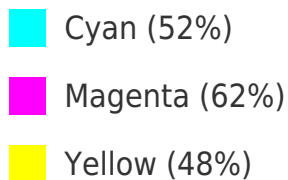
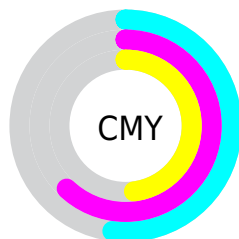
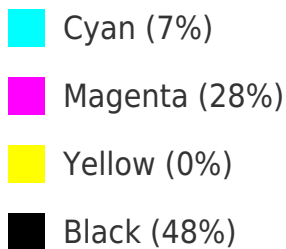
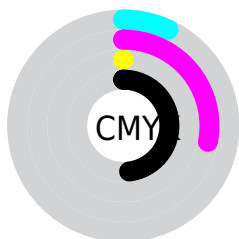
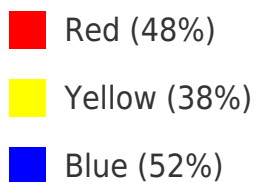
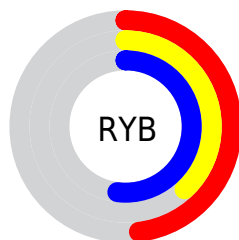
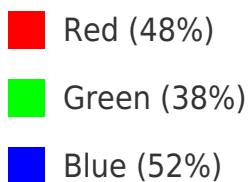
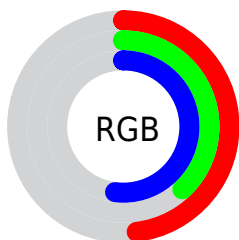
Format	Color
RYB	123, 96, 133
Decimal	8085637
CIELab	44.62, 18.13, -16.42
CIELCh	45, 24.459, 317.841
Yxy	14.2697, 0.3020, 0.2598
Android (android.graphics.Color)	4286275717 (0xFF7B6085)
YUV	108.2910, 12.1815, 12.8998
Hunter-Lab	37.7752, 12.2716, -11.3353

Details

The YIQ color $108.2910, 4.2150, 17.2310$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $120.7090, -4.2150, -17.2310$, and the grayscale version is $108.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $160.1170, 4.7650, 18.2770$, and $60.3510, 3.9860, 15.8740$ is the 20% darker color. If you saturate the color by 10%, you get $99.4640, 5.4060, 23.1820$, and if you desaturate by 10%, it is $117.1180, 3.0240, 11.2800$.

Distribution





Brightness & Saturation

Gradients

These gradients show how the YIQ color 108.2910, 4.2150, 17.2310 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 108.2910, 4.2150, 17.2310 by changing the saturation by 10% instead.


 108.2910, 4.2150,
17.2310

 108.2910, 4.2150,
17.2310


255.0000, -0.0000,
-0.0000


 83.8780, 3.9400,
16.7080

 160.1170, 4.7650,
18.2770

 60.3510, 3.9860,
15.8740


 186.6440, 4.7190,
19.1110


 38.5250, 3.4360,
14.8280


 214.9430, 5.3150,
19.3230


 15.6500, 4.5820,
16.0860

 239.7380, 7.1500,
13.5980


 2.4110, -5.4110,
4.4530

 0.0000, 0.0000,
0.0000


 108.2910, 4.2150,
17.2310

 108.2910, 4.2150,
17.2310

 99.4640, 5.4060,
23.1820


 117.1180, 3.0240,
11.2800

 90.3490, 7.4680,
29.8680


 126.2330, 0.9620,
4.5940


 81.5220, 8.6590,
35.8190


 135.0600, -0.2290,
-1.3570

 72.9940, 10.4460,
41.9820


 143.5880, -2.0160,
-7.5200

 63.5800, 11.9120,
48.4560

 152.4150, -3.2070,
-13.4710

 55.0520, 13.6990,
54.6190

 161.8290, -4.6730,
-19.9450

 46.2250, 14.8900,
60.5700

 170.3570, -6.4600,
-26.1080

 44.1650, 15.1190,

 179.1840, -7.6510,

61.9270

-32.0590

 188.2990, -9.7130,
-38.7450

Harmonies

Analogous

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



105.5810, -17.3330, 11.2670



108.2910, 4.2150, 17.2310



108.3870, 21.5000, 17.8520

Triad

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



108.2910, 4.2150, 17.2310



104.7840, 26.7310, -5.3730



92.7810, -48.2760, -17.1720

Complementary

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



108.2910, 4.2150, 17.2310



120.7090, -4.2150, -17.2310

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.



96.6770, -27.5520, -18.3040



108.2910, 4.2150, 17.2310



102.9130, 12.8860, -13.2740

Square

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



108.2910, 4.2150, 17.2310



106.5880, 33.5150, 3.8430



100.3390, -6.0490, -17.0330



93.6590, -53.5040, -10.5280

Rectangle

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



108.2910, 4.2150, 17.2310



107.6990, 29.2490, 15.0810



100.3390, -6.0490, -17.0330



94.0760, -41.8570, -17.8650

Sweetspot

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



108.2910, 4.2150, 17.2310



164.4720, 1.7870, 6.1630



106.0880, -14.6270, 6.2770



80.8200, 0.6870, 4.0710



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.



108.2910, 4.2150, 17.2310



135.0560, 6.7350, 26.6310



110.3690, 12.7430, 16.8630



62.1790, 1.0540, 2.9260



43.2250, 14.8900, 60.5700



0.9400, 0.2290, 1.3570

Inverse Universe

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



108.2030, 18.8420, 10.9540



134.8670, 28.8360, 17.0600



118.6310, -12.7430, -16.8630



61.9080, 3.2550, 1.5830



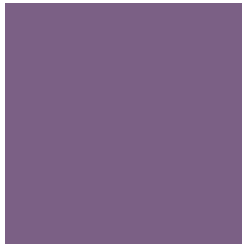
42.8600, 66.2450, 38.4450



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 108.2910, 4.2150, 17.2310 looks on a white background.

Color Contrast Check

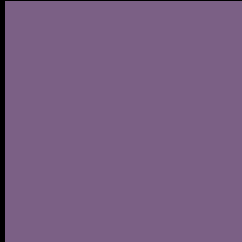
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.2910, 4.2150, 17.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

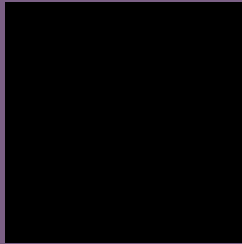
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.2910, 4.2150, 17.2310

Background



This preview shows how black text looks on a background with the YIQ color 108.2910, 4.2150, 17.2310.



This preview shows how white text looks on a background with the YIQ color 108.2910, 4.2150,

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

108.2910, 4.2150, 17.2310

Protanopia

105.5980, -16.0030, 9.1890

Deuteranopia

106.8930, -9.5840, 8.4960



Tritanopia

107.1800, 8.4810, 5.9930

Trichromacy



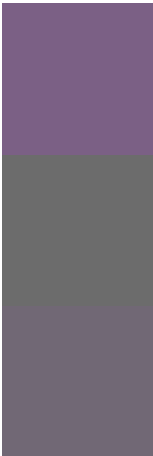
Original Color
108.2910, 4.2150, 17.2310

Protanomaly
106.5990, -8.5760, 12.2560

Deuteranomaly
107.2250, -4.5870, 11.5490

Tritanomaly
107.3310, 6.7380, 10.0500

Monochromacy



Original Color
108.2910, 4.2150, 17.2310

Achromatopsia
108.0000, -0.0000, 0.0000

Achromatomaly
108.1730, 1.1910, 5.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.2910, 4.2150, 17.2310 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(123, 96, 133)` looks like.

```
.text, #text, p{  
    color:rgb(123, 96, 133)  
}
```

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(123, 96, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 96, 133) }
```

Border

The CSS property to change the border of an element to YIQ 108.2910, 4.2150, 17.2310 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(123, 96, 133) }
```


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

```
.border{ border-color:rgb(123, 96, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 96, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 96, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 96, 133);  
box-shadow:4px 4px 4px 4px rgb(123, 96,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 108.2910, 4.2150, 17.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 96, 133) }
```

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

```
.background{ background-color: rgb(123, 96,  
133) }
```

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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