

Converting Colors

YIQ(84.1210, 8.1100, 29.2460)

Have a look what the booklet for
YIQ(84.1210, 8.1100, 29.2460)
contains.

YIQ(84.1210, 8.1100, 29.2460)	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(84.1210, 8.1100,
29.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	6E3F7D
RGB	110, 63, 125
RGB Percent	43%, 25%, 49%
CMY	0.5685, 0.7530, 0.5098
CMYK	0.12, 0.50, 0.00, 0.51
HSL	286°, 33%, 37%
HSV	286°, 50%, 49%
XYZ	11.9130, 8.3509, 20.3847
YIQ	84.1210, 8.1100, 29.2460

Conversions

Conversions Part 2

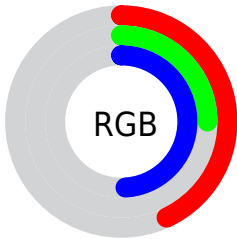
Format	Color
R_{YB}	110, 63, 125
Decimal	7225213
CIE _{Lab}	34.70, 31.68, -26.99
CIE _{LCh}	35, 41.619, 319.563
Yxy	8.3509, 0.2931, 0.2054
Android (android.graphics.Color)	4285415293 (0xFF6E3F7D)
YUV	84.1210, 20.1533, 22.6959
Hunter-Lab	28.8979, 23.0146, -21.5949

Details

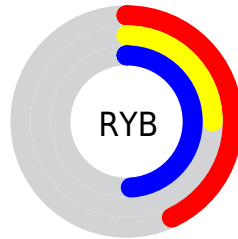
The YIQ color **84.1210, 8.1100, 29.2460** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **103.8790, -8.1100, -29.2460**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.7730, 9.2100, 31.3380**, and **35.9960, 6.9640, 27.9880** is the 20% darker color. If you saturate the color by 10%, you get **75.5930, 9.8970, 35.4090**, and if you desaturate by 10%, it is **92.0620, 6.5980, 23.6060**.

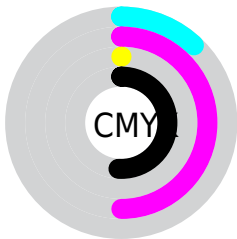
Distribution



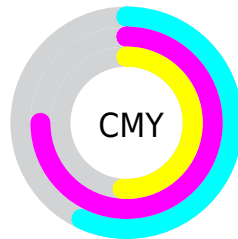
- Red (43%)
- Green (25%)
- Blue (49%)



- Red (43%)
- Yellow (25%)
- Blue (49%)



- Cyan (12%)
- Magenta (50%)
- Yellow (0%)
- Black (51%)



- Cyan (57%)
- Magenta (75%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.1210, 8.1100, 29.2460 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 84.1210, 8.1100, 29.2460 by changing the saturation by 10% instead.

84.1210, 8.1100,
29.2460

84.1210, 8.1100,
29.2460

255.0000, -0.0000,
-0.0000

60.2950, 7.5600,
28.2000

134.7730, 9.2100,
31.3380

35.9960, 6.9640,
27.9880

161.5990, 9.7600,
32.3840

17.1050, 5.0390,
24.3270

189.0120, 10.0350,
32.9070

4.1320, -8.7590,
10.0650

215.9260, 13.1530,
31.4650

0.2280, -0.6420,
0.6220

234.4550, 9.6250,
18.3050

0.0000, 0.0000,
0.0000

251.4780, 1.6500,

3.1380

■ 84.1210, 8.1100,
29.2460

■ 84.1210, 8.1100,
29.2460

■ 75.5930, 9.8970,
35.4090

■ 92.0620, 6.5980,
23.6060

■ 67.6520, 11.4090,
41.0490

■ 100.5900, 4.8110,
17.4430

■ 59.1240, 13.1960,
47.2120

■ 108.5310, 3.2990,
11.8030

■ 51.1830, 14.7080,
52.8520

■ 117.0590, 1.5120,
5.6400

■ 42.6550, 16.4950,
59.0150

■ 125.0000, 0.0000,
0.0000

■ 133.5280, -1.7870,
-6.1630

■ 141.4690, -3.2990,
-11.8030

■ 149.9970, -5.0860,
-17.9660

■ 157.9380, -6.5980,
-23.6060

Harmonies

Analogous

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



79.8430, -32.5100, 16.4980



84.1210, 8.1100, 29.2460



81.1320, 35.9400, 31.4920

Triad

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



84.1210, 8.1100, 29.2460



77.8160, 40.9000, -14.3640



68.6810, -59.7380, -18.6980

Complementary

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



84.1210, 8.1100, 29.2460



103.8790, -8.1100, -29.2460

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.



64.2180, -48.5490, -28.7490



84.1210, 8.1100, 29.2460



74.5310, 19.3530, -25.8550

Square

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



84.1210, 8.1100, 29.2460



78.9120, 50.1580, 5.0860



69.4590, -15.6750, -29.8110



70.8130, -68.4970, -8.6330

Rectangle

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



84.1210, 8.1100, 29.2460



79.1300, 47.4490, 26.6570



69.4590, -15.6750, -29.8110



67.4270, -56.2070, -22.1190

Sweetspot

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



84.1210, 8.1100, 29.2460



147.1180, 3.0240, 11.2800



78.8730, -24.0270, 11.4370



71.9990, 1.7410, 6.9970



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



84.1210, 8.1100, 29.2460



98.5970, 13.2420, 46.3780



86.7820, 22.1860, 27.4500



59.2930, 0.7330, 3.2370



43.5950, 16.7240, 60.3720



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.2480, 32.1370, 17.8090



97.0380, 50.7040, 28.2400



101.1040, -21.8650, -27.7610



59.3210, 3.5300, 2.1060



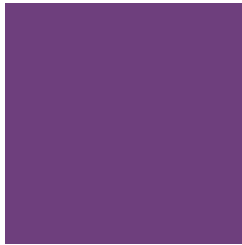
41.8060, 66.3370, 36.7770



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 84.1210, 8.1100, 29.2460 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 ✓ Pass

Black Background



This preview shows how the YIQ color 84.1210, 8.1100, 29.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

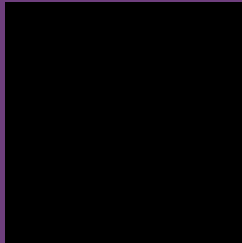
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.1210, 8.1100, 29.2460

Background



This preview shows how black text looks on a background with the YIQ color 84.1210, 8.1100, 29.2460.



This preview shows how white text looks on a background with the YIQ color 84.1210, 8.1100,

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

84.1210, 8.1100, 29.2460

Protanopia

79.6640, -33.5640, 13.5720

Deuteranopia

81.3630, -22.6510, 8.5250



Tritanopia

83.3550, 15.3580, 8.0140

Trichromacy



Original Color

84.1210, 8.1100, 29.2460

Protanomaly

81.5520, -18.3890, 19.3950

Deuteranomaly

82.1520, -11.5110, 15.8890

Tritanomaly

83.7280, 13.1100, 15.7180

Monochromacy



Original Color

84.1210, 8.1100, 29.2460

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

83.7050, 2.7490, 10.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.1210, 8.1100, 29.2460 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(110, 63, 125)` looks like.

```
.text, #text, p{  
    color:rgb(110, 63, 125)  
}
```

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(110, 63, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 63, 125) }
```

Border

The CSS property to change the border of an element to YIQ 84.1210, 8.1100, 29.2460 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(110, 63, 125) }
```


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

```
.border{ border-color:rgb(110, 63, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 63, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 63, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 63, 125);  
box-shadow:4px 4px 4px 4px rgb(110, 63,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 84.1210, 8.1100, 29.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 63, 125) }
```

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

```
.background{ background-color: rgb(110, 63,  
125) }
```

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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