

Converting Colors

YIQ(84.8840, -58.0910, 1.0210)

Have a look what the booklet for
YIQ(84.8840, -58.0910, 1.0210)
contains.

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Color

**YIQ(84.8840, -58.0910,
1.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	1E6497
RGB	30, 100, 151
RGB Percent	12%, 39%, 59%
CMY	0.8824, 0.6077, 0.4081
CMYK	0.80, 0.34, 0.00, 0.41
HSL	205°, 67%, 35%
HSV	205°, 80%, 59%
XYZ	10.6747, 11.6276, 30.9306
YIQ	84.8840, -58.0910, 1.0210

Conversions

Conversions Part 2

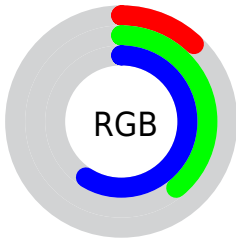
Format	Color
R_{YB}	30, 74, 151
Decimal	1991831
CIE _{Lab}	40.62, -2.81, -33.86
CIE _{LCh}	41, 33.973, 265.261
Yxy	11.6276, 0.2005, 0.2184
Android (android.graphics.Color)	4280181911 (0xFF1E6497)
YUV	84.8840, 32.5952, -48.1333
Hunter-Lab	34.0993, -3.7947, -29.9108

Details

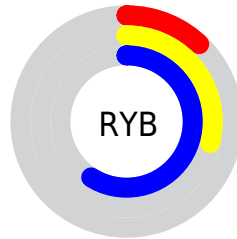
The YIQ color **84.8840, -58.0910, 1.0210** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **96.1160, 58.0910, -1.0210**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2270, -51.6270, 5.0210**, and **43.0980, -46.9500, 2.8580** is the 20% darker color. If you saturate the color by 10%, you get **76.8770, -65.3810, 0.9790**, and if you desaturate by 10%, it is **92.8910, -50.8010, 1.0630**.

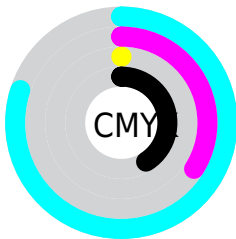
Distribution



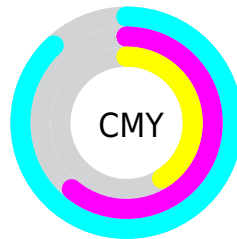
- Red (12%)
- Green (39%)
- Blue (59%)



- Red (12%)
- Yellow (29%)
- Blue (59%)



- Cyan (80%)
- Magenta (34%)
- Yellow (0%)
- Black (41%)



- Cyan (88%)
- Magenta (61%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.8840, -58.0910, 1.0210 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 84.8840, -58.0910, 1.0210 by changing the saturation by 10% instead.

■ 84.8840, -58.0910,
1.0210

■ 84.8840, -58.0910,
1.0210

■ 255.0000, -0.0000,
-0.0000

■ 58.8620, -61.0250,
-0.8730

■ 140.1130,
-51.3060, 4.7100

■ 43.0980, -46.9500,
2.8580

■ 167.3520,
-50.4810, 6.2790

■ 27.9210, -33.1500,
6.0660

■ 194.5540,
-48.2340, 4.1020

■ 11.3250, -19.4880,
11.7760

■ 219.6610,
-38.6500, -4.3940

■ 4.7080, -10.5010,
8.5950

■ 241.2460,
-27.4160, -9.7520

■ 0.1140, -0.3210,
0.3110

■ 249.9170,

■ 0.0000, 0.0000,

-10.1320, -3.6040

0.0000

■ 84.8840, -58.0910,
1.0210

■ 84.8840, -58.0910,
1.0210

■ 76.8770, -65.3810,
0.9790

■ 92.8910, -50.8010,
1.0630

■ 68.2830, -72.3960,
1.4600

■ 101.4850,
-43.7860, 0.5820

■ 109.4920,
-36.4960, 0.6240

■ 117.4990,
-29.2060, 0.6660

■ 126.0930,
-22.1910, 0.1850

■ 134.3990,
-14.3050, 0.4390

■ 142.4060, -7.0150,
0.4810

■ 151.0000, -0.0000,
0.0000

■ 159.0070, 7.2900,
0.0420

Harmonies

Analogous

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



78.8830, -74.6860, -12.1100



84.8840, -58.0910, 1.0210



96.6830, -17.3800, 17.6280

Triad

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



84.8840, -58.0910, 1.0210



95.8270, 43.5080, 15.4760



86.1370, -17.4640, -24.9200

Complementary

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



84.8840, -58.0910, 1.0210



96.1160, 58.0910, -1.0210

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.



90.8000, 11.4660, -20.5820



84.8840, -58.0910, 1.0210



94.9110, 42.7310, 2.0190

Square

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



84.8840, -58.0910, 1.0210



97.7200, 33.9240, 23.9720



93.7210, 31.0420, -11.9180



74.8300, -59.1400, -29.5400

Rectangle

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



84.8840, -58.0910, 1.0210



98.7950, 2.9760, 23.1680



93.7210, 31.0420, -11.9180



87.9380, -6.5980, -23.6060

Sweetspot

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



84.8840, -58.0910, 1.0210



170.7940, -22.7870, -0.0270



106.7270, -49.3250, -47.7330



83.5840, -13.3880, 0.3400



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



84.8840, -58.0910, 1.0210



93.4150, -90.3230, 1.4610



49.6640, -41.5910, 32.4010



72.2600, -3.6680, 0.3960



63.5070, -67.2150, 1.1770



5.5910, -6.0980, 0.3820

Inverse Universe

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



74.1590, 49.6460, 47.4220



76.6380, 77.0590, 73.7550



131.3360, 41.5910, -32.4010



71.8480, 3.4840, 2.9400



51.0940, 57.4390, 54.8710



4.6850, 5.5010, 4.9330

Previews

White Background



This preview shows how the YIQ color 84.8840, -58.0910, 1.0210 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 84.8840, -58.0910, 1.0210 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 84.8840, -58.0910, 1.0210

Background



This preview shows how black text looks on a background with the YIQ color 84.8840, -58.0910, 1.0210.



This preview shows how white text looks on a background with the YIQ color 84.8840, -58.0910,

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

84.8840, -58.0910, 1.0210

Protanopia

94.7310, -26.5030, 12.2570

Deuteranopia

92.5170, -37.6440, 10.4200



Tritanopia

75.2180, -65.7440, -19.9840

Trichromacy



Original Color

84.8840, -58.0910, 1.0210

Protanomaly

91.0500, -37.8270, 8.2290

Deuteranomaly

89.5160, -45.0710, 7.3530

Tritanomaly

78.8150, -62.8110, -12.5630

Monochromacy



Original Color

84.8840, -58.0910, 1.0210

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.6910, -20.9990, 0.6090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.8840, -58.0910, 1.0210 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(30, 100, 151)` looks like.

```
.text, #text, p{  
    color:rgb(30, 100, 151)  
}
```

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(30, 100, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 100, 151) }
```

Border

The CSS property to change the border of an element to YIQ 84.8840, -58.0910, 1.0210 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(30, 100, 151) }
```


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

```
.border{ border-color:rgb(30, 100, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 100, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 100, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 100, 151);  
box-shadow:4px 4px 4px 4px rgb(30, 100,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 84.8840, -58.0910, 1.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 100, 151) }
```

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

```
.background{ background-color: rgb(30, 100,  
151) }
```

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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