

Converting Colors

YIQ(84.2840, 66.8460, 11.0220)

Have a look what the booklet for
YIQ(84.2840, 66.8460, 11.0220)
contains.

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Color

**YIQ(84.2840, 66.8460,
11.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3B1D
RGB	155, 59, 29
RGB Percent	61%, 23%, 11%
CMY	0.3919, 0.7688, 0.8860
CMYK	0.00, 0.62, 0.81, 0.39
HSL	14°, 68%, 36%
HSV	14°, 81%, 61%
XYZ	15.3124, 10.1867, 2.3264
YIQ	84.2840, 66.8460, 11.0220

Conversions

Conversions Part 2

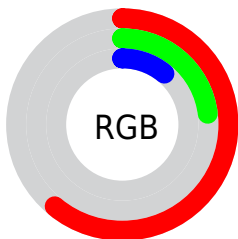
Format	Color
RYB	155, 68, 29
Decimal	10173213
CIELab	38.18, 38.55, 37.91
CIElCh	38, 54.066, 44.520
Yxy	10.1867, 0.5503, 0.3661
Android (android.graphics.Color)	4288363293 (0xFF9B3B1D)
YUV	84.2840, -27.2550, 62.0179
Hunter-Lab	31.9166, 29.7836, 18.0201

Details

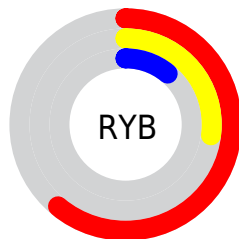
The YIQ color **84.2840, 66.8460, 11.0220** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **99.7160, -66.8460, -11.0220**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4050, 73.8150, 11.3750**, and **30.1770, 57.2620, 19.5180** is the 20% darker color. If you saturate the color by 10%, you get **75.5300, 74.9610, 12.6330**, and if you desaturate by 10%, it is **93.1520, 58.4100, 9.7220**.

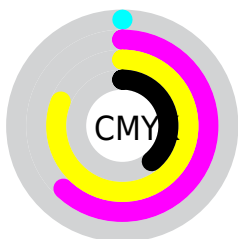
Distribution



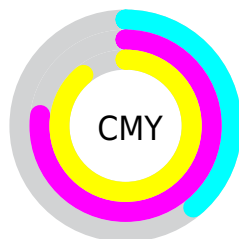
- Red (61%)
- Green (23%)
- Blue (11%)



- Red (61%)
- Yellow (27%)
- Blue (11%)



- Cyan (0%)
- Magenta (62%)
- Yellow (81%)
- Black (39%)



- Cyan (39%)
- Magenta (77%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.2840, 66.8460, 11.0220 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 84.2840, 66.8460, 11.0220 by changing the saturation by 10% instead.

84.2840, 66.8460,
11.0220

84.2840, 66.8460,
11.0220

255.0000, -0.0000,
-0.0000

57.7290, 64.0950,
11.3190

137.4050, 73.8150,
11.3750

30.1770, 57.2620,
19.5180

164.7860, 77.1160,
12.1240

20.3320, 40.5280,
14.4160

186.1760, 67.0300,
7.6860

12.9710, 25.3070,
9.4270

205.5760, 50.9840,
1.1280

0.0000, 0.0000,
0.0000

225.0900, 34.6170,
-5.1190

245.3050, 17.6540,

-11.5780

■ 252.6060, 6.7410,
-6.5310

■ 84.2840, 66.8460,
11.0220

■ 84.2840, 66.8460,
11.0220

■ 75.5300, 74.9610,
12.6330

■ 93.1520, 58.4100,
9.7220

■ 68.0640, 82.2050,
13.5090

■ 101.9060, 50.2950,
8.1110

■ 110.1870, 42.1340,
7.3340

■ 118.9410, 34.0190,
5.7230

■ 127.8090, 25.5830,
4.4230

■ 136.5630, 17.4680,
2.8120

■ 145.4310, 9.0320,
1.5120

■ 154.1850, 0.9170,
-0.0990

■ 162.4660, -7.2440,
-0.8760

Harmonies

Analogous

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



82.0940, 65.4660, 36.0420



84.2840, 66.8460, 11.0220



84.6450, 54.5630, -14.1810

Triad

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



84.2840, 66.8460, 11.0220



70.8060, -50.5650, -36.2690



76.0910, -71.4350, 11.5810

Complementary

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



84.2840, 66.8460, 11.0220



99.7160, -66.8460, -11.0220

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.



79.2370, -83.9500, 1.6020



84.2840, 66.8460, 11.0220



76.6370, -65.6060, -22.4860

Square

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



84.2840, 66.8460, 11.0220



72.9780, -13.2430, -40.8510



80.6100, -78.1710, -9.5230



92.0530, 2.7900, 37.5580

Rectangle

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



84.2840, 66.8460, 11.0220



83.6270, 36.6380, -25.2340



80.6100, -78.1710, -9.5230



74.8830, -82.7130, 6.7190

Sweetspot

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



84.2840, 66.8460, 11.0220



174.3960, 25.3080, 3.9000



77.7320, 43.9590, 56.8790



85.0790, 15.9550, 2.6990



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



84.2840, 66.8460, 11.0220



91.3070, 103.5700, 17.2820



120.6780, 49.7960, -21.4040



72.5660, 4.2180, 0.6500



61.2310, 74.3650, 12.4210



5.6480, 6.9230, 1.1870

Inverse Universe

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



99.7160, -66.8460, -11.0220



115.6930, -103.5700, -17.2820



63.3220, -49.7960, 21.4040



73.4340, -4.2180, -0.6500



78.7690, -74.3650, -12.4210



7.3520, -6.9230, -1.1870

Previews

White Background



This preview shows how the YIQ color 84.2840, 66.8460, 11.0220 looks on a white background.

Color Contrast Check

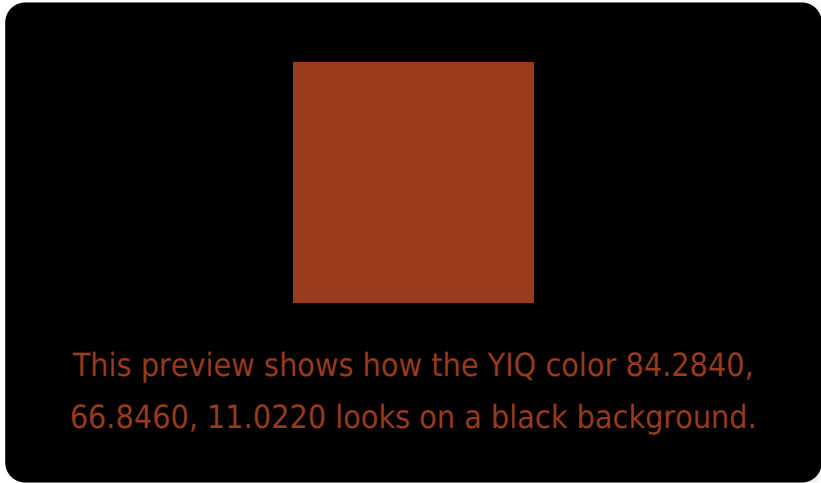
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 84.2840, 66.8460, 11.0220

Background



This preview shows how black text looks on a background with the YIQ color 84.2840, 66.8460, 11.0220.



This preview shows how white text looks on a background with the YIQ color 84.2840, 66.8460,

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

84.2840, 66.8460, 11.0220

Protanopia

87.9480, 22.9730, -14.3630

Deuteranopia

86.8480, 37.8740, -14.5900



Tritanopia

86.2420, 58.6370, 22.1330

Trichromacy



Original Color

84.2840, 66.8460, 11.0220

Protanomaly

86.5420, 39.1560, -4.7800

Deuteranomaly

85.8050, 48.6010, -5.2470

Tritanomaly

85.5750, 61.8930, 18.1890

Monochromacy



Original Color

84.2840, 66.8460, 11.0220

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.2110, 24.3910, 3.9990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.2840, 66.8460, 11.0220 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(155, 59, 29)` looks like.

```
.text, #text, p{  
    color:rgb(155, 59, 29)  
}
```

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(155, 59, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 59, 29) }
```

Border

The CSS property to change the border of an element to YIQ 84.2840, 66.8460, 11.0220 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(155, 59, 29) }
```


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

```
.border{ border-color:rgb(155, 59, 29) }
```

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

Here you see how a box with a 4 pixel rgb(155, 59, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 59, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 59, 29);  
box-shadow:4px 4px 4px 4px rgb(155, 59,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 84.2840, 66.8460, 11.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 59, 29) }
```

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

```
.background{ background-color: rgb(155, 59,  
29) }
```

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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