

Converting Colors

YIQ(84.7340, 39.3360, 13.9920)

Have a look what the booklet for
YIQ(84.7340, 39.3360, 13.9920)
contains.

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Color

**YIQ(84.7340, 39.3360,
13.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	834141
RGB	131, 65, 65
RGB Percent	51%, 25%, 25%
CMY	0.4861, 0.7452, 0.7449
CMYK	0.00, 0.50, 0.50, 0.49
HSL	360°, 34%, 38%
HSV	360°, 50%, 51%
XYZ	12.2103, 8.9880, 6.0984
YIQ	84.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

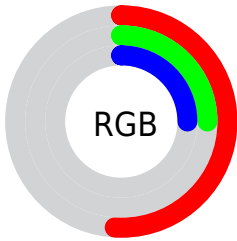
Format	Color
R_{YB}	131, 65, 65
Decimal	8601921
CIE Lab	35.96, 28.32, 13.07
CIE LCh	36, 31.188, 24.770
Yxy	8.9880, 0.4473, 0.3293
Android (android.graphics.Color)	4286792001 (0xFF834141)
YUV	84.7340, -9.7289, 40.5753
Hunter-Lab	29.9800, 20.2345, 8.9255

Details

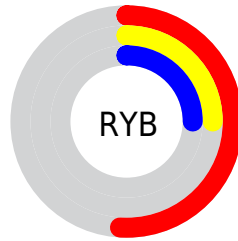
The YIQ color **84.7340, 39.3360, 13.9920** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **111.2660, -39.3360, -13.9920**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3000, 43.5540, 14.6420**, and **36.5100, 34.1550, 14.2750** is the 20% darker color. If you saturate the color by 10%, you get **75.6210, 47.0840, 16.7480**, and if you desaturate by 10%, it is **93.8470, 31.5880, 11.2360**.

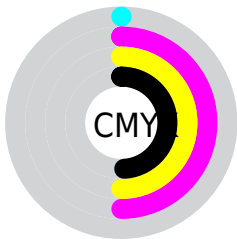
Distribution



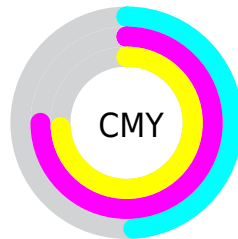
- Red (51%)
- Green (25%)
- Blue (25%)



- Red (51%)
- Yellow (25%)
- Blue (25%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (49%)



- Cyan (49%)
- Magenta (75%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.7340, 39.3360, 13.9920 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 84.7340, 39.3360, 13.9920 by changing the saturation by 10% instead.

■ 84.7340, 39.3360,
13.9920

■ 84.7340, 39.3360,
13.9920

■ 255.0000, -0.0000,
-0.0000

■ 60.0650, 36.9060,
13.9780

■ 135.7130, 43.8290,
15.1650

■ 36.5100, 34.1550,
14.2750

■ 162.4960, 45.9380,
15.4900

■ 15.8470, 31.5880,
11.2360

■ 190.0940, 47.1300,
15.9140

■ 6.8770, 13.7080,
4.8760

■ 212.5980, 36.7230,
11.7870

■ 0.0000, 0.0000,
0.0000

■ 232.1120, 20.3560,
5.5400

■ 252.4410, 3.0720,

-0.6080

■ 84.7340, 39.3360,
13.9920

■ 84.7340, 39.3360,
13.9920

■ 75.6210, 47.0840,
16.7480

■ 93.8470, 31.5880,
11.2360

■ 66.5080, 54.8320,
19.5040

■ 102.9600, 23.8400,
8.4800

■ 57.3950, 62.5800,
22.2600

■ 112.0730, 16.0920,
5.7240

■ 48.2820, 70.3280,
25.0160

■ 121.1860, 8.3440,
2.9680

■ 39.1690, 78.0760,
27.7720

■ 130.2990, 0.5960,
0.2120

■ 140.1130, -7.7480,
-2.7560

■ 149.2260,
-15.4960, -5.5120

■ 158.3390,
-23.2440, -8.2680

■ 167.4520,
-30.9920, -11.0240

Harmonies

Analogous

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



86.1000, 29.7980, 21.6540



84.7340, 39.3360, 13.9920



84.3450, 38.5130, 1.3690

Triad

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



84.7340, 39.3360, 13.9920



75.8000, -14.8970, -21.8810



74.6950, -53.1850, 0.2150

Complementary

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



84.7340, 39.3360, 13.9920



111.2660, -39.3360, -13.9920

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.



69.4280, -65.9750, -10.2870



84.7340, 39.3360, 13.9920



65.9450, -52.0340, -26.1620

Square

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



84.7340, 39.3360, 13.9920



80.0820, 10.7320, -18.2920



68.9090, -60.3800, -18.0760



85.4010, -16.6460, 15.3380

Rectangle

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



84.7340, 39.3360, 13.9920



83.3670, 32.2790, -6.8010



68.9090, -60.3800, -18.0760



68.4650, -67.3970, -6.5410

Sweetspot

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



84.7340, 39.3360, 13.9920



152.7740, 15.4960, 5.5120



91.9590, 17.5540, 34.3060



75.7840, 9.5360, 3.3920



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.



84.7340, 39.3360, 13.9920



98.7970, 61.3880, 21.8360



103.5180, 30.5360, -2.7440



61.7940, 3.5760, 1.2720



38.8700, 77.4800, 27.5600



0.8970, 1.7880, 0.6360

Inverse Universe

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



84.7340, 39.3360, 13.9920



98.7970, 61.3880, 21.8360



92.4820, -30.5360, 2.7440



61.7940, 3.5760, 1.2720



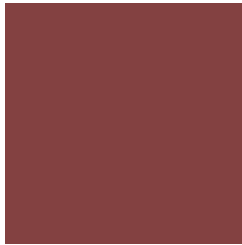
38.8700, 77.4800, 27.5600



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 84.7340, 39.3360, 13.9920 looks on a white background.

Color Contrast Check

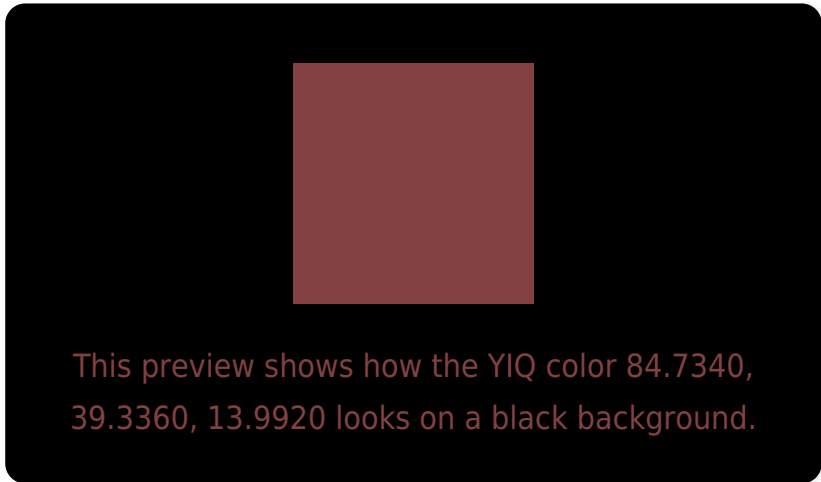
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 84.7340, 39.3360, 13.9920

Background



This preview shows how black text looks on a background with the YIQ color 84.7340, 39.3360, 13.9920.



This preview shows how white text looks on a background with the YIQ color 84.7340, 39.3360,

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

84.7340, 39.3360, 13.9920

Protanopia

85.0560, 5.5940, -2.2620

Deuteranopia

85.4010, 17.7440, -2.1920



Tritanopia

84.6030, 38.3270, 15.7590

Trichromacy



Original Color

84.7340, 39.3360, 13.9920

Protanomaly

84.9760, 17.7430, 3.3350

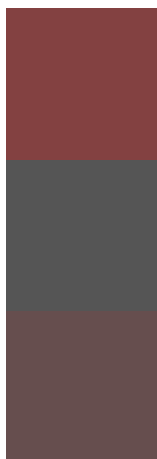
Deuteranomaly

85.2820, 25.6290, 3.5890

Tritanomaly

84.4890, 38.6480, 15.4480

Monochromacy



Original Color

84.7340, 39.3360, 13.9920

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.1760, 14.3040, 5.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.7340, 39.3360, 13.9920 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(131, 65, 65)` looks like.

```
.text, #text, p{  
    color:rgb(131, 65, 65)  
}
```

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(131, 65, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 65, 65) }
```

Border

The CSS property to change the border of an element to YIQ 84.7340, 39.3360, 13.9920 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(131, 65, 65) }
```


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

```
.border{ border-color:rgb(131, 65, 65) }
```

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

Here you see how a box with a 4 pixel rgb(131, 65, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 65, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 65, 65);  
box-shadow:4px 4px 4px 4px rgb(131, 65,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 84.7340, 39.3360, 13.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 65, 65) }
```

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

```
.background{ background-color: rgb(131, 65,  
65) }
```

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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