

Converting Colors

YIQ(83.9940, 9.3050, 13.0890)

Have a look what the booklet for
YIQ(83.9940, 9.3050, 13.0890)
contains.

YIQ(83.9940, 9.3050, 13.0890)	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(83.9940, 9.3050,
13.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	654960
RGB	101, 73, 96
RGB Percent	40%, 29%, 38%
CMY	0.6038, 0.7138, 0.6235
CMYK	0.00, 0.28, 0.05, 0.60
HSL	311°, 16%, 34%
HSV	311°, 28%, 40%
XYZ	9.8625, 8.3761, 12.1644
YIQ	83.9940, 9.3050, 13.0890

Conversions

Conversions Part 2

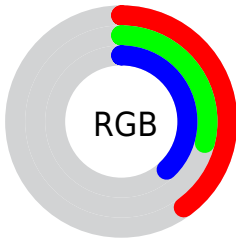
Format	Color
RYB	101, 73, 96
Decimal	6637920
CIELab	34.75, 16.19, -8.82
CIElCh	35, 18.434, 331.421
Yxy	8.3761, 0.3244, 0.2755
Android (android.graphics.Color)	4284828000 (0xFF654960)
YUV	83.9940, 5.9190, 14.9143
Hunter-Lab	28.9414, 10.1805, -4.6613




Details

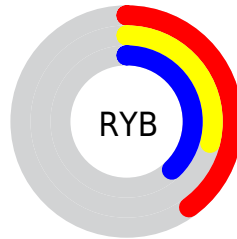
The YIQ color **83.9940, 9.3050, 13.0890** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **90.0060, -9.3050, -13.0890**, and the grayscale version is **84.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **133.8200, 9.8550, 14.1350**, and **38.8690, 8.1590, 11.8310** is the 20% darker color. If you saturate the color by 10%, you get **77.8960, 12.6970, 17.6970**, and if you desaturate by 10%, it is **90.0920, 5.9130, 8.4810**.

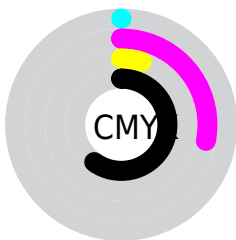
Distribution







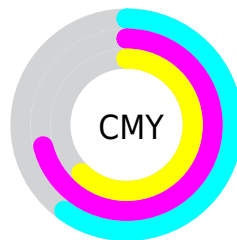
-  Red (40%)
-  Green (29%)
-  Blue (38%)






-  Red (40%)
-  Yellow (29%)
-  Blue (38%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (5%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (71%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.9940, 9.3050, 13.0890 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 83.9940, 9.3050, 13.0890 by changing the saturation by 10% instead.

83.9940, 9.3050,
13.0890

83.9940, 9.3050,
13.0890

255.0000, -0.0000,
-0.0000

60.5810, 9.0300,
12.5660

133.8200, 9.8550,
14.1350

38.8690, 8.1590,
11.8310

160.1190, 10.4510,
14.3470

16.6950, 8.7090,
12.8770

186.8310, 11.3220,
15.0820

0.0000, 0.0000,
0.0000

214.9450, 11.0010,
15.3930

240.3250, 6.8750,
13.0750

83.9940, 9.3050,
13.0890

83.9940, 9.3050,
13.0890

77.8960, 12.6970,
17.6970

90.0920, 5.9130,
8.4810

71.7980, 16.0890,
22.3050

96.1900, 2.5210,
3.8730

65.8140, 19.1600,
27.2240

102.1740, -0.5500,
-1.0460

59.7160, 22.5520,
31.8320

108.2720, -3.9420,
-5.6540

53.0310, 26.2190,
36.9630

114.9570, -7.6090,
-10.7850

46.9330, 29.6110,
41.5710

121.0550,
-11.0010, -15.3930

40.8350, 33.0030,
46.1790


127.1530,
-14.3930, -20.0010

39.6610, 33.5530,

133.1370,

47.2250

-17.4640, -24.9200

 139.2350,
-20.8560, -29.5280

Harmonies

Analogous

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



83.3990, -5.1370, 10.5030



83.9940, 9.3050, 13.0890



83.9150, 19.7130, 11.6890

Triad

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



83.9940, 9.3050, 13.0890



80.6840, 15.2690, -6.8990



73.0540, -35.6230, -9.6950

Complementary

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



83.9940, 9.3050, 13.0890



90.0060, -9.3050, -13.0890

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.



74.7360, -26.0400, -12.6640



83.9940, 9.3050, 13.0890



79.0030, 3.9450, -10.9270

Square

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



83.9940, 9.3050, 13.0890



82.0920, 23.1080, -0.2840



76.9350, -10.5430, -12.6790



75.8250, -33.2400, -3.3200

Rectangle

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



83.9940, 9.3050, 13.0890



83.0740, 23.5190, 8.7910



76.9350, -10.5430, -12.6790



73.4840, -34.0180, -11.2500

Sweetspot

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



83.9940, 9.3050, 13.0890



126.3150, 3.6670, 5.1310



77.6870, -6.0080, 9.7680



62.3640, 1.9710, 2.8270



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



83.9940, 9.3050, 13.0890



106.2600, 14.6680, 20.5240



82.3980, 13.7990, 8.7350



47.9510, 1.6960, 2.3040



45.1010, 38.3660, 53.6140



95.0440, 80.3530, 113.1930

Inverse Universe

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



83.9940, 9.3050, 13.0890



106.2600, 14.6680, 20.5240



91.6020, -13.7990, -8.7350



47.9510, 1.6960, 2.3040



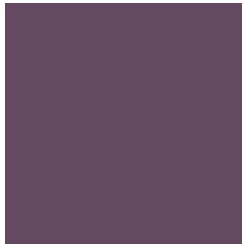
45.1010, 38.3660, 53.6140



95.0440, 80.3530, 113.1930

Previews

White Background



This preview shows how the YIQ color 83.9940, 9.3050, 13.0890 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 83.9940, 9.3050, 13.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

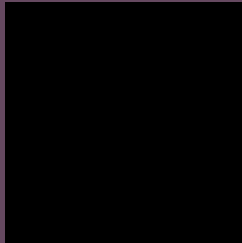
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.9940, 9.3050, 13.0890

Background



This preview shows how black text looks on a background with the YIQ color 83.9940, 9.3050, 13.0890.



This preview shows how white text looks on a background with the YIQ color 83.9940, 9.3050,

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

83.9940, 9.3050, 13.0890

Protanopia

82.1980, -9.1250, 5.6830

Deuteranopia

82.9060, -2.4310, 5.5130



Tritanopia

83.4470, 12.1030, 6.4310

Trichromacy



Original Color

83.9940, 9.3050, 13.0890

Protanomaly

82.9000, -2.2940, 8.5380

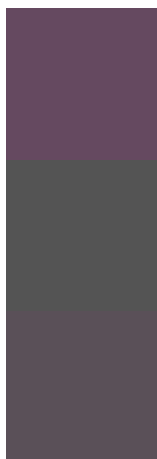
Deuteranomaly

82.9390, 1.9700, 8.3540

Tritanomaly

83.7290, 11.3690, 8.7210

Monochromacy



Original Color

83.9940, 9.3050, 13.0890

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

83.9020, 3.3920, 4.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.9940, 9.3050, 13.0890 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(101, 73, 96)` looks like.

```
.text, #text, p{  
    color:rgb(101, 73, 96)  
}
```

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(101, 73, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 73, 96) }
```

Border

The CSS property to change the border of an element to YIQ 83.9940, 9.3050, 13.0890 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(101, 73, 96) }
```


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

```
.border{ border-color:rgb(101, 73, 96) }
```

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

Here you see how a box with a 4 pixel rgb(101, 73, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 73, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 73, 96);  
box-shadow:4px 4px 4px 4px rgb(101, 73,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 83.9940, 9.3050, 13.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 73, 96) }
```

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

```
.background{ background-color: rgb(101, 73,  
96) }
```

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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