

Converting Colors

YIQ(84.3980, 86.0020, 60.3540)

Have a look what the booklet for
YIQ(84.3980, 86.0020, 60.3540)
contains.

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Color

**YIQ(84.3980, 86.0020,
60.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	CC165C
RGB	204, 22, 92
RGB Percent	80%, 9%, 36%
CMY	0.1995, 0.9139, 0.6389
CMYK	0.00, 0.89, 0.55, 0.20
HSL	337°, 81%, 44%
HSV	337°, 89%, 80%
XYZ	27.1556, 14.1994, 11.4515
YIQ	84.3980, 86.0020, 60.3540

Conversions

Conversions Part 2

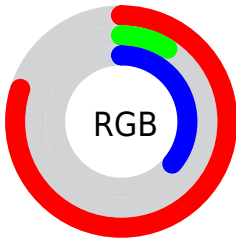
Format	Color
RYB	204, 22, 92
Decimal	13375068
CIELab	44.52, 68.46, 9.94
CIElCh	45, 69.179, 8.257
Yxy	14.1994, 0.5142, 0.2689
Android (android.graphics.Color)	4291565148 (0xFFCC165C)
YUV	84.3980, 3.7478, 104.8910
Hunter-Lab	37.6822, 62.6920, 8.3594

Details

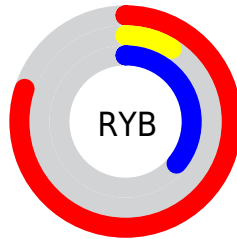
The YIQ color **84.3980, 86.0020, 60.3540** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **141.6020, -86.0020, -60.3540**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.6110, 80.5480, 49.0600**, and **48.1150, 70.1410, 44.9330** is the 20% darker color. If you saturate the color by 10%, you get **71.2900, 95.3540, 67.0820**, and if you desaturate by 10%, it is **97.6200, 76.3290, 53.9370**.

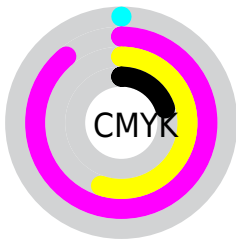
Distribution



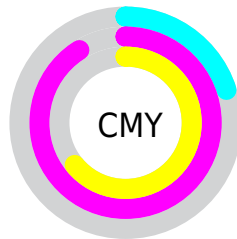
- Red (80%)
- Green (9%)
- Blue (36%)



- Red (80%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (89%)
- Yellow (55%)
- Black (20%)





- Cyan (20%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.3980, 86.0020, 60.3540 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 84.3980, 86.0020, 60.3540 by changing the saturation by 10% instead.


 84.3980, 86.0020,
60.3540


 84.3980, 86.0020,
60.3540


255.0000, -0.0000,
-0.0000


 59.5930, 80.9590,
58.1350


 147.6110, 80.5480,
49.0600


 48.1150, 70.1410,
44.9330


 167.5980, 64.2270,
41.9790


 36.8650, 58.6810,
32.3530


 187.6990, 47.5850,
35.2090

 25.0450, 48.8260,
18.2180

 207.9140, 30.6220,
28.7500

 16.3740, 31.5420,
12.0700

 228.8300, 13.0630,
22.0790

 1.4950, 2.9800,
1.0600

 246.7820, 3.8500,

 0.0000, 0.0000,

7.3220

0.0000

■ 84.3980, 86.0020,
60.3540

■ 84.3980, 86.0020,
60.3540

■ 71.2900, 95.3540,
67.0820

■ 97.6200, 76.3290,
53.9370

■ 70.0020, 96.2250,
67.8170

■ 111.3150, 66.7020,
46.6860

■ 124.5370, 57.0290,
40.2690

■ 138.2320, 47.4020,
33.0180

■ 151.4540, 37.7290,
26.6010

■ 164.5620, 28.3770,
19.8730

■ 178.3710, 18.4290,
12.9330

■ 191.5930, 8.7560,
6.5160

■ 205.2880, -0.8710,
-0.7350

Harmonies

Analogous

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



97.8300, 49.7350, 62.3350



84.3980, 86.0020, 60.3540



93.8080, 89.2180, 24.0820

Triad

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



84.3980, 86.0020, 60.3540



85.0800, -5.2630, -53.3190



96.4830, -102.1980, 1.9140

Complementary

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



84.3980, 86.0020, 60.3540



141.6020, -86.0020, -60.3540

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.



95.7870, -91.9710, -12.7310



84.3980, 86.0020, 60.3540



81.2750, -53.8640, -48.0720

Square

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



84.3980, 86.0020, 60.3540



97.4820, 38.2440, -32.3160



89.9900, -74.2700, -30.6700



88.5900, -100.6410, 12.2470

Rectangle

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



84.3980, 86.0020, 60.3540



97.2250, 82.5290, -3.3830



89.9900, -74.2700, -30.6700



97.2180, -100.1340, -2.4540

Sweetspot

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



84.3980, 86.0020, 60.3540



209.7090, 32.4570, 23.0250



75.3390, 6.5420, 79.7100



100.9690, 19.6210, 13.3570



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



84.3980, 86.0020, 60.3540



87.4170, 120.5220, 84.5380



86.9840, 103.5220, 29.1700



95.4460, 4.6760, 3.3640



56.9300, 78.3920, 55.0960



13.0720, 17.8330, 12.7210

Inverse Universe

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



84.3980, 86.0020, 60.3540



87.4170, 120.5220, 84.5380



139.0160, -103.5220, -29.1700



95.4460, 4.6760, 3.3640



56.9300, 78.3920, 55.0960



13.0720, 17.8330, 12.7210

Previews

White Background



This preview shows how the YIQ color 84.3980, 86.0020, 60.3540 looks on a white background.

Color Contrast Check

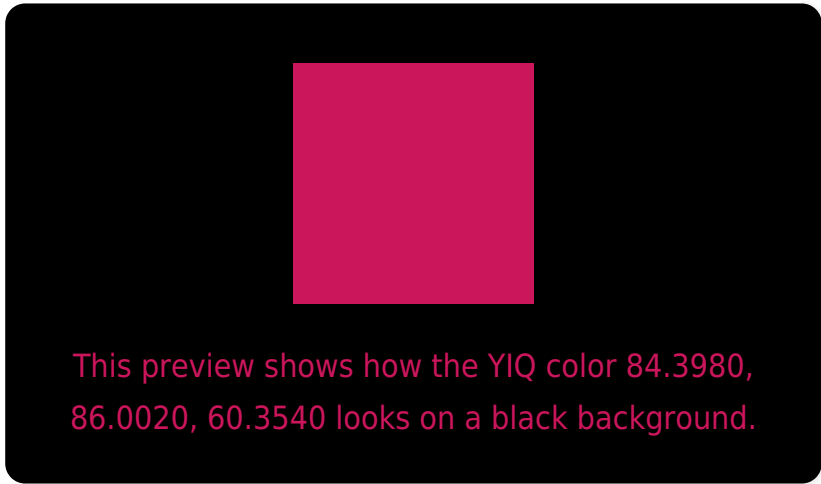
Large Text (above 18pt) WCAG AA ✓ Pass

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

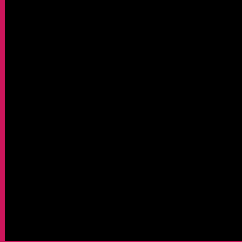
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.3980, 86.0020, 60.3540

Background



This preview shows how black text looks on a background with the YIQ color 84.3980, 86.0020, 60.3540.

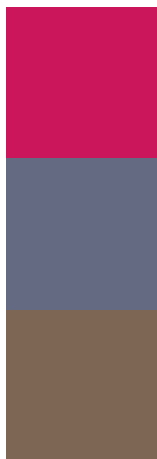


This preview shows how white text looks on a background with the YIQ color 84.3980, 86.0020,

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

84.3980, 86.0020, 60.3540

Protanopia

107.3550, -11.0050, 6.7150

Deuteranopia

106.8250, 19.4860, -0.7220



Tritanopia

89.1390, 95.9560, 34.1320

Trichromacy



Original Color

84.3980, 86.0020, 60.3540

Protanomaly

98.6250, 24.0660, 26.4180

Deuteranomaly

98.8150, 43.7820, 21.5260

Tritanomaly

87.4950, 92.3780, 43.9140

Monochromacy



Original Color

84.3980, 86.0020, 60.3540

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

83.9970, 31.5860, 22.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.3980, 86.0020, 60.3540 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(204, 22, 92)` looks like.

```
.text, #text, p{  
    color:rgb(204, 22, 92)  
}
```

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(204, 22, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 22, 92) }
```

Border

The CSS property to change the border of an element to YIQ 84.3980, 86.0020, 60.3540 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(204, 22, 92) }
```


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

```
.border{ border-color:rgb(204, 22, 92) }
```

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

Here you see how a box with a 4 pixel rgb(204, 22, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 22, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 22, 92);  
box-shadow:4px 4px 4px 4px rgb(204, 22,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 84.3980, 86.0020, 60.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 22, 92) }
```

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

```
.background{ background-color: rgb(204, 22,  
92) }
```

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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