

Converting Colors

YIQ(68.2050, 79.5360, 67.4080)

Have a look what the booklet for
YIQ(68.2050, 79.5360, 67.4080)
contains.

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Color

**YIQ(68.2050, 79.5360,
67.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	BA035F
RGB	186, 3, 95
RGB Percent	73%, 1%, 37%
CMY	0.2701, 0.9884, 0.6272
CMYK	0.00, 0.98, 0.49, 0.27
HSL	330°, 97%, 37%
HSV	330°, 98%, 73%
XYZ	22.3804, 11.3457, 11.8517
YIQ	68.2050, 79.5360, 67.4080

Conversions

Conversions Part 2

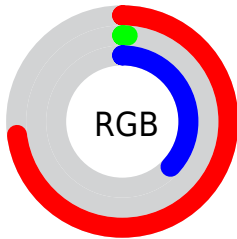
Format	Color
RYB	186, 3, 95
Decimal	12190559
CIELab	40.16, 66.70, 1.33
CIElCh	40, 66.713, 1.142
Yxy	11.3457, 0.4910, 0.2489
Android (android.graphics.Color)	4290380639 (0xFFBA035F)
YUV	68.2050, 13.2099, 103.3062
Hunter-Lab	33.6833, 59.6557, 2.7168

Details

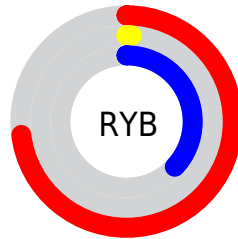
The YIQ color **68.2050, 79.5360, 67.4080** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **120.7950, -79.5360, -67.4080**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6910, 77.5670, 53.5270**, and **43.2600, 59.3670, 41.9510** is the 20% darker color. If you saturate the color by 10%, you get **66.3300, 80.6820, 68.6660**, and if you desaturate by 10%, it is **80.3840, 71.4220, 60.2700**.

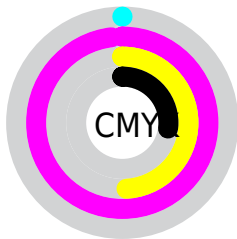
Distribution



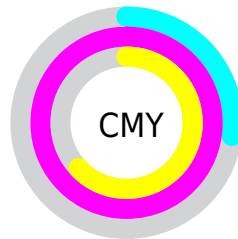
- Red (73%)
- Green (1%)
- Blue (37%)



- Red (73%)
- Yellow (1%)
- Blue (37%)



- Cyan (0%)
- Magenta (98%)
- Yellow (49%)
- Black (27%)



- Cyan (27%)
- Magenta (99%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.2050, 79.5360, 67.4080 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 68.2050, 79.5360, 67.4080 by changing the saturation by 10% instead.

68.2050, 79.5360,
67.4080

68.2050, 79.5360,
67.4080

255.0000, -0.0000,
-0.0000

54.8520, 69.8640,
55.4640

139.6910, 77.5670,
53.5270

43.2600, 59.3670,
41.9510

162.7710, 65.4180,
47.9300

32.3090, 48.5030,
29.5830

182.8720, 48.7760,
41.1600

21.5710, 41.3530,
15.9850

203.0870, 31.8130,
34.7010

11.4760, 22.3270,
8.3670

223.3020, 14.8500,
28.2420

0.0000, 0.0000,
0.0000

240.3250, 6.8750,

13.0750

■ 68.2050, 79.5360,
67.4080

■ 68.2050, 79.5360,
67.4080

■ 66.3300, 80.6820,
68.6660

■ 80.3840, 71.4220,
60.2700

■ 92.0900, 63.2620,
53.9660

■ 104.2690, 55.1480,
46.8280

■ 115.8610, 47.3090,
40.2130

■ 128.0400, 39.1950,
33.0750

■ 140.3330, 30.7600,
26.2480

■ 151.9250, 22.9210,
19.6330

■ 164.1040, 14.8070,
12.4950

■ 175.6960, 6.9680,
5.8800

Harmonies

Analogous

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



90.2410, 35.1560, 56.7240



68.2050, 79.5360, 67.4080



79.7510, 85.3650, 33.3410

Triad

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



68.2050, 79.5360, 67.4080



80.1510, 5.1430, -43.6650



88.1050, -92.3860, 0.3020

Complementary

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



68.2050, 79.5360, 67.4080



120.7950, -79.5360, -67.4080

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.



85.7790, -80.3250, -14.5410



68.2050, 79.5360, 67.4080



71.1360, -43.2270, -48.1150

Square

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



68.2050, 79.5360, 67.4080



88.6770, 42.3690, -24.4710



79.5090, -62.6700, -31.6460



82.6570, -93.5800, 10.9320

Rectangle

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



68.2050, 79.5360, 67.4080



84.8540, 82.4360, 3.8120



79.5090, -62.6700, -31.6460



88.0250, -89.4050, -4.1650

Sweetspot

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



68.2050, 79.5360, 67.4080



195.6320, 31.3560, 26.4600



50.1740, -6.2950, 75.5690



93.6640, 19.1620, 16.1700



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



68.2050, 79.5360, 67.4080



86.2660, 105.0700, 89.2460



58.0590, 108.1050, 39.7290



86.1470, 4.0800, 3.1520



55.5360, 67.9380, 57.3300



9.9680, 12.1940, 10.2900

Inverse Universe

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



68.2050, 79.5360, 67.4080



86.2660, 105.0700, 89.2460



130.9410, -108.1050, -39.7290



86.1470, 4.0800, 3.1520



55.5360, 67.9380, 57.3300



9.9680, 12.1940, 10.2900

Previews

White Background



This preview shows how the YIQ color 68.2050, 79.5360, 67.4080 looks on a white background.

Color Contrast Check

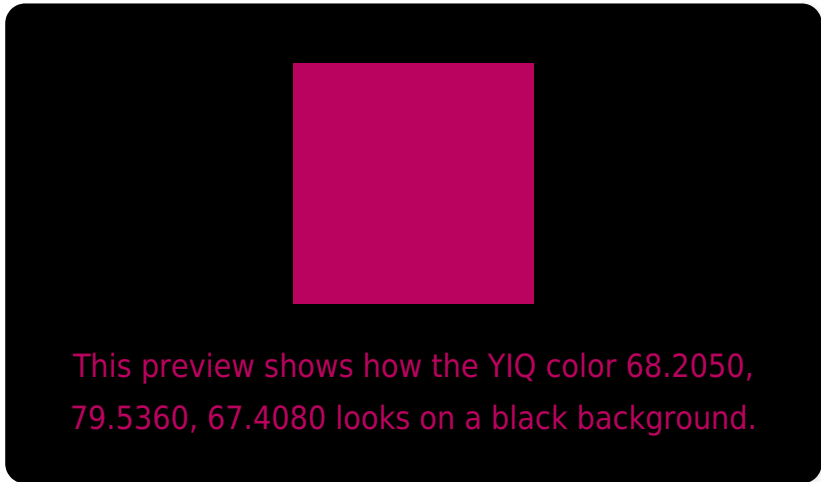
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.2050, 79.5360, 67.4080

Background



This preview shows how black text looks on a background with the YIQ color 68.2050, 79.5360, 67.4080.



This preview shows how white text looks on a background with the YIQ color 68.2050, 79.5360,

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

68.2050, 79.5360, 67.4080

Protanopia

97.0860, -20.3130, 10.2070

Deuteranopia

97.3990, 12.0580, 1.7380



Tritanopia

81.3550, 86.4200, 30.7400

Trichromacy



Original Color

68.2050, 79.5360, 67.4080

Protanomaly

86.4810, 15.9040, 31.1680

Deuteranomaly

86.7420, 36.8580, 25.8660

Tritanomaly

76.4170, 83.8500, 44.2820

Monochromacy



Original Color

68.2050, 79.5360, 67.4080

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.9090, 29.0180, 24.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.2050, 79.5360, 67.4080 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(186, 3, 95)` looks like.

```
.text, #text, p{  
    color:rgb(186, 3, 95)  
}
```

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(186, 3, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 3, 95) }
```

Border

The CSS property to change the border of an element to YIQ 68.2050, 79.5360, 67.4080 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(186, 3, 95) }
```


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

```
.border{ border-color:rgb(186, 3, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 3, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 3, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 3, 95);  
box-shadow:4px 4px 4px 4px rgb(186, 3, 95)  
}
```

Background

The CSS property to change the background color of an element to YIQ 68.2050, 79.5360, 67.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 3, 95) }
```

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

```
.background{ background-color: rgb(186, 3,  
95) }
```

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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