

Converting Colors

YIQ(84.5490, 67.0640, 73.1760)

Have a look what the booklet for
YIQ(84.5490, 67.0640, 73.1760)
contains.

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Color

**YIQ(84.5490, 67.0640,
73.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	C21387
RGB	194, 19, 135
RGB Percent	76%, 7%, 53%
CMY	0.2387, 0.9257, 0.4704
CMYK	0.00, 0.90, 0.30, 0.24
HSL	320°, 82%, 42%
HSV	320°, 90%, 76%
XYZ	26.8881, 13.6996, 24.1654
YIQ	84.5490, 67.0640, 73.1760

Conversions

Conversions Part 2

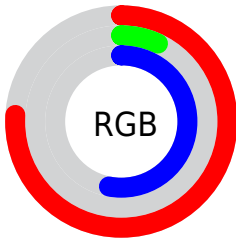
Format	Color
RYB	194, 19, 135
Decimal	12718983
CIELab	43.80, 70.47, -17.99
CIElCh	44, 72.734, 345.681
Yxy	13.6996, 0.4152, 0.2116
Android (android.graphics.Color)	4290909063 (0xFFC21387)
YUV	84.5490, 24.8723, 95.9885
Hunter-Lab	37.0130, 64.8985, -12.8007

Details

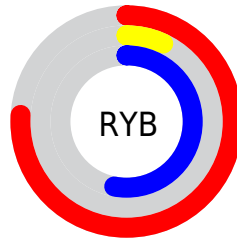
The YIQ color **84.5490, 67.0640, 73.1760** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **128.4510, -67.0640, -73.1760**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.6810, 66.3320, 64.4120**, and **50.0550, 53.1750, 55.0550** is the 20% darker color. If you saturate the color by 10%, you get **72.7120, 74.2150, 81.2470**, and if you desaturate by 10%, it is **96.5000, 59.5920, 65.4160**.

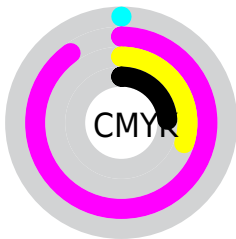
Distribution



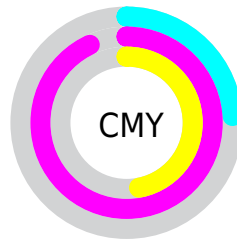
- Red (76%)
- Green (7%)
- Blue (53%)



- Red (76%)
- Yellow (7%)
- Blue (53%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)
- Black (24%)





- Cyan (24%)
- Magenta (93%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.5490, 67.0640, 73.1760 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 84.5490, 67.0640, 73.1760 by changing the saturation by 10% instead.


 84.5490, 67.0640,
73.1760


 84.5490, 67.0640,
73.1760


255.0000, -0.0000,
-0.0000


 61.5760, 62.4340,
68.9780


 151.6810, 66.3320,
64.4120


 50.0550, 53.1750,
55.0550


 172.4830, 49.0940,
57.4300


 38.7620, 43.2740,
41.7540


 192.8120, 31.8100,
51.2820

 27.8820, 33.6480,
28.9760

 210.9750, 20.6250,
39.2250

 17.3010, 24.6180,
16.4100

 228.5850, 12.3750,
23.5350

 0.5980, 1.1920,
0.4240

 245.6080, 4.4000,

 0.0000, 0.0000,

8.3680

0.0000

■ 84.5490, 67.0640,
73.1760

■ 84.5490, 67.0640,
73.1760

■ 72.7120, 74.2150,
81.2470

■ 96.5000, 59.5920,
65.4160

■ 108.9240, 52.1660,
56.8220

■ 120.8750, 44.6940,
49.0620

■ 133.2990, 37.2680,
40.4680

■ 145.2500, 29.7960,
32.7080

■ 157.0870, 22.6450,
24.6370

■ 169.6250, 14.8980,
16.3540

■ 181.4620, 7.7470,
8.2830

■ 194.0000, -0.0000,
0.0000

Harmonies

Analogous

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



104.2190, 5.8590, 53.5310



84.5490, 67.0640, 73.1760



71.9050, 97.8760, 65.4280

Triad

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



84.5490, 67.0640, 73.1760



94.1600, 27.2870, -37.4890



96.2090, -95.9150, -7.3310

Complementary

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



84.5490, 67.0640, 73.1760



128.4510, -67.0640, -73.1760

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.



91.1130, -78.8100, -25.4820



84.5490, 67.0640, 73.1760



71.6140, -33.5500, -63.8060

Square

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



84.5490, 67.0640, 73.1760



97.6800, 64.6500, -15.2700



82.6430, -57.7160, -44.3400



95.1610, -103.9870, 6.8050

Rectangle

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



84.5490, 67.0640, 73.1760



88.2480, 94.0310, 30.4710



82.6430, -57.7160, -44.3400



94.8580, -90.7330, -13.1410

Sweetspot

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



84.5490, 67.0640, 73.1760



209.4620, 26.0830, 28.4110



56.2920, -21.6070, 66.7210



102.3370, 15.7690, 17.0890



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.



84.5490, 67.0640, 73.1760



94.3860, 96.5850, 105.3610



74.6310, 94.9910, 46.1190



90.7880, 3.7130, 4.2970



60.2230, 61.9300, 67.0980



12.3750, 12.6060, 13.8380

Inverse Universe

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



84.5490, 67.0640, 73.1760



94.3860, 96.5850, 105.3610



138.3690, -94.9910, -46.1190



90.7880, 3.7130, 4.2970



60.2230, 61.9300, 67.0980



12.3750, 12.6060, 13.8380

Previews

White Background



This preview shows how the YIQ color 84.5490, 67.0640, 73.1760 looks on a white background.

Color Contrast Check

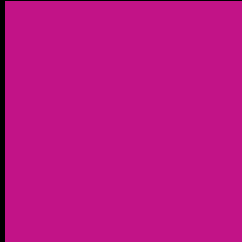
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 84.5490, 67.0640, 73.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

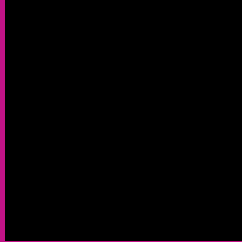
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.5490, 67.0640, 73.1760

Background



This preview shows how black text looks on a background with the YIQ color 84.5490, 67.0640, 73.1760.



This preview shows how white text looks on a background with the YIQ color 84.5490, 67.0640,

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

84.5490, 67.0640, 73.1760

Protanopia

100.0720, -52.0880, 18.8880

Deuteranopia

106.2200, -6.1910, 7.5770



Tritanopia

95.4080, 78.9010, 29.3410

Trichromacy



Original Color

84.5490, 67.0640, 73.1760



Protanomaly

94.5340, -8.8100, 38.5340



Deuteranomaly

97.9330, 20.4430, 31.5070



Tritanomaly

91.5670, 74.6800, 45.2720

Monochromacy



Original Color

84.5490, 67.0640, 73.1760



Achromatopsia

85.0000, -0.0000, 0.0000



Achromatomaly

84.9240, 24.6620, 26.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.5490, 67.0640, 73.1760 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(194, 19, 135)` looks like.

```
.text, #text, p{  
    color:rgb(194, 19, 135)  
}
```

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(194, 19, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 19, 135) }
```

Border

The CSS property to change the border of an element to YIQ 84.5490, 67.0640, 73.1760 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(194, 19, 135) }
```


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

```
.border{ border-color:rgb(194, 19, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 19, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 19, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 19, 135);  
box-shadow:4px 4px 4px 4px rgb(194, 19,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 84.5490, 67.0640, 73.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 19, 135) }
```

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

```
.background{ background-color: rgb(194, 19,  
135) }
```

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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