

Converting Colors

YIQ(98.5380, 82.7920, 63.4640)

Have a look what the booklet for
YIQ(98.5380, 82.7920, 63.4640)
contains.

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Color

**YIQ(98.5380, 82.7920,
63.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	D92373
RGB	217, 35, 115
RGB Percent	85%, 14%, 45%
CMY	0.1485, 0.8630, 0.5488
CMYK	0.00, 0.84, 0.47, 0.15
HSL	334°, 72%, 49%
HSV	334°, 84%, 85%
XYZ	32.3491, 17.2075, 17.8566
YIQ	98.5380, 82.7920, 63.4640

Conversions

Conversions Part 2

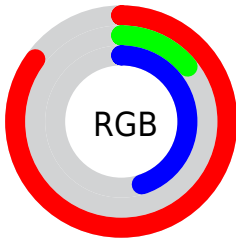
Format	Color
R_{YB}	217, 35, 115
Decimal	14230387
CIE _{Lab}	48.52, 70.99, 1.77
CIE _{LCh}	49, 71.012, 1.427
Yxy	17.2075, 0.4799, 0.2553
Android (android.graphics.Color)	4292420467 (0xFFD92373)
YUV	98.5380, 8.1158, 103.8912
Hunter-Lab	41.4820, 66.6071, 3.5151

Details

The YIQ color **98.5380, 82.7920, 63.4640** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **153.4620, -82.7920, -63.4640**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.7440, 70.0480, 52.1280**, and **54.2820, 71.4690, 53.9090** is the 20% darker color. If you saturate the color by 10%, you get **84.2560, 92.6940, 71.2380**, and if you desaturate by 10%, it is **112.8200, 72.8900, 55.6900**.

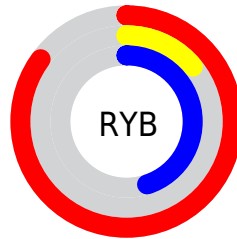
Distribution



Red (85%)

Green (14%)

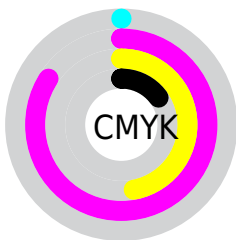
Blue (45%)



Red (85%)

Yellow (14%)

Blue (45%)

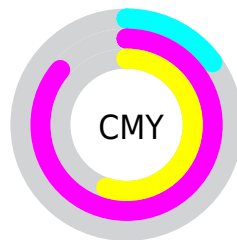


Cyan (0%)

Magenta (84%)

Yellow (47%)

Black (15%)



Cyan (15%)


Magenta (86%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.5380, 82.7920, 63.4640 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 98.5380, 82.7920, 63.4640 by changing the saturation by 10% instead.


 98.5380, 82.7920,
63.4640


 98.5380, 82.7920,
63.4640


255.0000, -0.0000,
-0.0000


 65.9880, 81.6450,
67.7330


 155.7440, 70.0480,
52.1280


 54.2820, 71.4690,
53.9090


 175.8450, 53.4060,
45.3580

 42.9180, 60.3300,
41.0180


 196.6470, 36.1680,
38.3760

 31.5540, 49.1910,
28.1270

 216.8620, 19.2050,
31.9170

 20.9730, 40.1610,
15.5610

 235.0420, 9.3500,
17.7820

 10.5790, 20.5390,
7.7310

 252.6520, 1.1000,

 0.0000, 0.0000,

2.0920

0.0000

■ 98.5380, 82.7920,
63.4640

■ 98.5380, 82.7920,
63.4640

■ 84.2560, 92.6940,
71.2380

■ 112.8200, 72.8900,
55.6900

■ 75.7130, 98.8370,
75.5490

■ 126.5150, 63.2630,
48.4390

■ 140.9110, 53.0400,
40.9760

■ 155.1930, 43.1380,
33.2020

■ 169.4750, 33.2360,
25.4280

■ 183.1700, 23.6090,
18.1770

■ 197.4520, 13.7070,
10.4030

■ 211.7340, 3.8050,
2.6290

■ 225.5430, -6.1430,
-4.3110

Harmonies

Analogous

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



113.0290, 38.8690, 61.0210



98.5380, 82.7920, 63.4640



102.3560, 93.8470, 33.8070

Triad

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



98.5380, 82.7920, 63.4640



98.4470, 9.8210, -51.3550



105.0260, -108.3410, -2.3970

Complementary

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



98.5380, 82.7920, 63.4640



153.4620, -82.7920, -63.4640

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.



102.9450, -95.5920, -18.6960



98.5380, 82.7920, 63.4640



86.4610, -54.6880, -55.1680

Square

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



98.5380, 82.7920, 63.4640



107.8810, 50.3020, -30.5780



96.1050, -76.3320, -37.3560



98.6320, -109.6270, 9.9010

Rectangle

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



98.5380, 82.7920, 63.4640



105.8720, 91.1930, 4.8010



96.1050, -76.3320, -37.3560



104.8320, -105.0390, -7.1750

Sweetspot

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



98.5380, 82.7920, 63.4640



213.3280, 29.1560, 22.2760



85.6480, 1.1780, 77.8020



102.5990, 17.7870, 13.5550



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.



98.5380, 82.7920, 63.4640



89.0130, 116.0280, 88.8920



94.7010, 105.9970, 33.8770



102.8590, 4.9510, 3.8870



60.3910, 78.7120, 60.3120



16.0340, 20.9960, 15.9720

Inverse Universe

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



98.5380, 82.7920, 63.4640



89.0130, 116.0280, 88.8920



157.2990, -105.9970, -33.8770



102.8590, 4.9510, 3.8870



60.3910, 78.7120, 60.3120



16.0340, 20.9960, 15.9720

Previews

White Background



This preview shows how the YIQ color 98.5380, 82.7920, 63.4640 looks on a white background.

Color Contrast Check

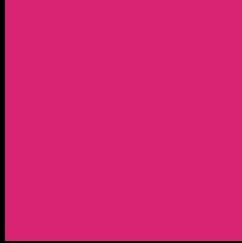
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.5380, 82.7920, 63.4640 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 98.5380, 82.7920, 63.4640

Background



This preview shows how black text looks on a background with the YIQ color 98.5380, 82.7920, 63.4640.



This preview shows how white text looks on a background with the YIQ color 98.5380, 82.7920,

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

98.5380, 82.7920, 63.4640

Protanopia

116.5420, -21.5970, 11.4510

Deuteranopia

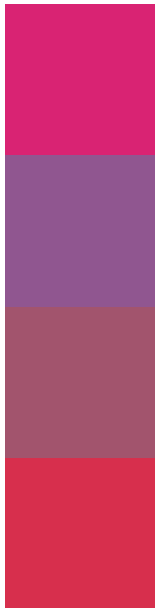
116.9970, 13.2500, 2.1620



Tritanopia

102.0680, 94.7180, 34.5420

Trichromacy



Original Color

98.5380, 82.7920, 63.4640

Protanomaly

109.9540, 15.9500, 30.3340

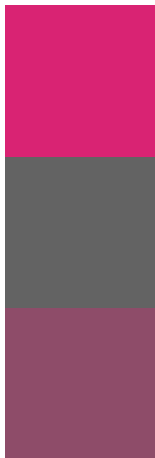
Deuteranomaly

110.1720, 38.4630, 24.3110

Tritanomaly

100.6520, 90.4980, 44.9460

Monochromacy



Original Color

98.5380, 82.7920, 63.4640

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.0400, 30.0270, 23.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.5380, 82.7920, 63.4640 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(217, 35, 115)` looks like.

```
.text, #text, p{  
    color:rgb(217, 35, 115)  
}
```

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(217, 35, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 35, 115) }
```

Border

The CSS property to change the border of an element to YIQ 98.5380, 82.7920, 63.4640 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(217, 35, 115) }
```


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

```
.border{ border-color:rgb(217, 35, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 35, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 35, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 35, 115);  
box-shadow:4px 4px 4px 4px rgb(217, 35,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 98.5380, 82.7920, 63.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 35, 115) }
```

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

```
.background{ background-color: rgb(217, 35,  
115) }
```

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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