

Converting Colors

YIQ(109.0440, 78.0710, 55.4070)

Have a look what the booklet for
YIQ(109.0440, 78.0710, 55.4070)
contains.

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Color

**YIQ(109.0440, 78.0710,
55.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	DA3475
RGB	218, 52, 117
RGB Percent	85%, 20%, 46%
CMY	0.1447, 0.7963, 0.5409
CMYK	0.00, 0.76, 0.46, 0.14
HSL	336°, 69%, 53%
HSV	336°, 76%, 86%
XYZ	33.3863, 18.6582, 18.6918
YIQ	109.0440, 78.0710, 55.4070

Conversions

Conversions Part 2

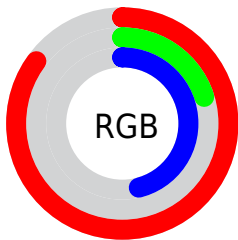
Format	Color
RYB	218, 52, 117
Decimal	14300277
CIELab	50.28, 67.08, 3.13
CIELCh	50, 67.150, 2.672
Yxy	18.6582, 0.4720, 0.2638
Android (android.graphics.Color)	4292490357 (0xFFDA3475)
YUV	109.0440, 3.9223, 95.5544
Hunter-Lab	43.1952, 62.3743, 4.5802

Details

The YIQ color **109.0440, 78.0710, 55.4070** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **160.9560, -78.0710, -55.4070**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8420, 66.6560, 47.5200**, and **54.8090, 71.4230, 54.7430** is the 20% darker color. If you saturate the color by 10%, you get **94.6480, 88.2940, 62.8700**, and if you desaturate by 10%, it is **123.4400, 67.8480, 47.9440**.

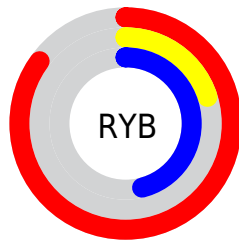
Distribution



Red (85%)

Green (20%)

Blue (46%)



Red (85%)

Yellow (20%)

Blue (46%)

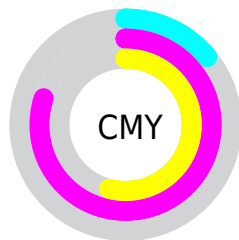


Cyan (0%)

Magenta (76%)

Yellow (46%)

Black (14%)



Cyan (14%)


Magenta (80%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.0440, 78.0710, 55.4070 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 109.0440, 78.0710, 55.4070 by changing the saturation by 10% instead.


 109.0440, 78.0710,
55.4070


 109.0440, 78.0710,
55.4070


255.0000, -0.0000,
-0.0000


 67.4010, 81.9200,
68.2560


 161.8420, 66.6560,
47.5200


 54.8090, 71.4230,
54.7430


 181.9430, 50.0140,
40.7500

 43.3310, 60.6050,
41.5410


 202.1580, 33.0510,
34.2910

 32.3800, 49.7410,
29.1730

 223.0740, 15.4920,
27.6200

 21.5710, 41.3530,
15.9850

 240.3250, 6.8750,
13.0750

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,

0.0000

■ 109.0440, 78.0710,
55.4070

■ 109.0440, 78.0710,
55.4070

■ 94.6480, 88.2940,
62.8700

■ 123.4400, 67.8480,
47.9440

■ 80.2520, 98.5170,
70.3330

■ 137.9500, 57.3040,
40.7920

■ 74.8720, 102.6430,
72.6510

■ 151.7590, 47.3560,
33.8520


■ 166.1550, 37.1330,
26.3890

■ 180.5510, 26.9100,
18.9260

■ 195.0610, 16.3660,
11.7740

 209.4570, 6.1430,
4.3110

 223.2660, -3.8050,
-2.6290

 237.6620,
-14.0280, -10.0920

Harmonies

Analogous

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



118.5080, 38.7780, 57.1620



109.0440, 78.0710, 55.4070



110.5570, 88.6670, 28.5630

Triad

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



109.0440, 78.0710, 55.4070



102.8770, 11.4260, -52.9100



106.7870, -109.1660, -3.9660

Complementary

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



109.0440, 78.0710, 55.4070



160.9560, -78.0710, -55.4070

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.



105.0480, -97.3800, -19.3320



109.0440, 78.0710, 55.4070



89.9490, -58.9980, -54.1500

Square

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



109.0440, 78.0710, 55.4070



111.7130, 50.7150, -32.5570



99.1370, -79.3580, -37.5820



100.1650, -109.8100, 7.7100

Rectangle

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



109.0440, 78.0710, 55.4070



112.4090, 85.1870, 3.5150



99.1370, -79.3580, -37.5820



106.7070, -106.1850, -8.4330

Sweetspot

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



109.0440, 78.0710, 55.4070



216.2630, 27.7810, 19.6610



100.8240, 6.3140, 72.8260



104.3600, 16.9620, 11.9860



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.



109.0440, 78.0710, 55.4070



102.7420, 109.0610, 77.4850



111.6130, 94.2610, 26.3010



102.7450, 5.2720, 3.5760



59.4790, 81.2800, 57.8240



15.8060, 21.6380, 15.3500

Inverse Universe

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



109.0440, 78.0710, 55.4070



102.7420, 109.0610, 77.4850



158.3870, -94.2610, -26.3010



102.7450, 5.2720, 3.5760



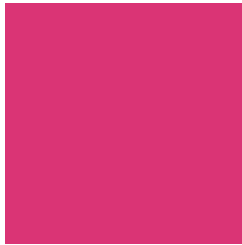
59.4790, 81.2800, 57.8240



15.8060, 21.6380, 15.3500

Previews

White Background



This preview shows how the YIQ color 109.0440, 78.0710, 55.4070 looks on a white 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

Black Background



This preview shows how the YIQ color 109.0440, 78.0710, 55.4070 looks on a black 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

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

YIQ 109.0440, 78.0710, 55.4070

Background



This preview shows how black text looks on a background with the YIQ color 109.0440, 78.0710, 55.4070.



This preview shows how white text looks on a background with the YIQ color 109.0440, 78.0710,

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

109.0440, 78.0710, 55.4070

Protanopia

120.8260, -16.6450, 9.8110

Deuteranopia

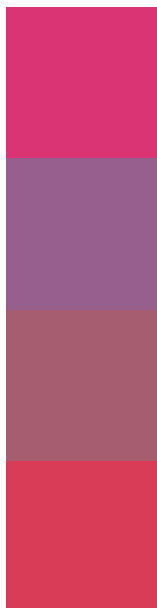
121.1820, 14.1670, 2.0630



Tritanopia

110.1920, 88.4370, 32.7330

Trichromacy



Original Color

109.0440, 78.0710, 55.4070

Protanomaly

116.8030, 17.6930, 26.2770

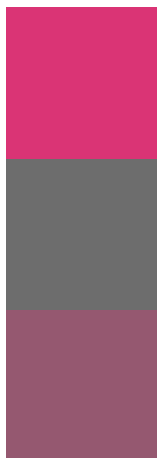
Deuteranomaly

116.9930, 37.4090, 21.3850

Tritanomaly

109.6080, 84.6300, 41.1580

Monochromacy



Original Color

109.0440, 78.0710, 55.4070

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.9750, 28.6520, 20.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.0440, 78.0710, 55.4070 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(218, 52, 117)` looks like.

```
.text, #text, p{  
    color:rgb(218, 52, 117)  
}
```

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(218, 52, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 52, 117) }
```

Border

The CSS property to change the border of an element to YIQ 109.0440, 78.0710, 55.4070 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(218, 52, 117) }
```


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

```
.border{ border-color:rgb(218, 52, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 52, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 52, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 52, 117);  
box-shadow:4px 4px 4px 4px rgb(218, 52,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 109.0440, 78.0710, 55.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 52, 117) }
```

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

```
.background{ background-color: rgb(218, 52,  
117) }
```

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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