

Converting Colors

YIQ(109.5600, 76.5580, 55.2940)

Have a look what the booklet for
YIQ(109.5600, 76.5580, 55.2940)
contains.

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Color

**YIQ(109.5600, 76.5580,
55.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	D93577
RGB	217, 53, 119
RGB Percent	85%, 21%, 47%
CMY	0.1486, 0.7924, 0.5331
CMYK	0.00, 0.76, 0.45, 0.15
HSL	336°, 68%, 53%
HSV	336°, 76%, 85%
XYZ	33.2516, 18.6420, 19.3188
YIQ	109.5600, 76.5580, 55.2940

Conversions

Conversions Part 2

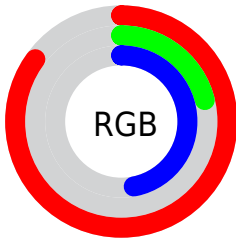
Format	Color
R_{YB}	217, 53, 119
Decimal	14234999
CIE _{Lab}	50.27, 66.68, 1.87
CIE _{LCh}	50, 66.711, 1.604
Yxy	18.6420, 0.4669, 0.2618
Android (android.graphics.Color)	4292425079 (0xFFD93577)
YUV	109.5600, 4.6539, 94.2249
Hunter-Lab	43.1764, 61.9104, 3.6948

Details

The YIQ color **109.5600, 76.5580, 55.2940** 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 **160.4400, -76.5580, -55.2940**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6570, 65.7390, 47.6190**, and **54.7380, 70.1850, 55.1530** is the 20% darker color. If you saturate the color by 10%, you get **95.1640, 86.7810, 62.7570**, and if you desaturate by 10%, it is **123.9560, 66.3350, 47.8310**.

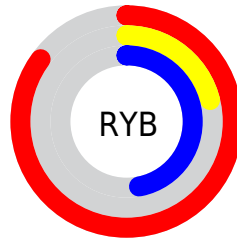
Distribution



Red (85%)

Green (21%)

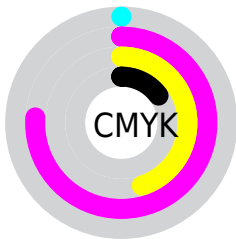
Blue (47%)



Red (85%)

Yellow (21%)

Blue (47%)

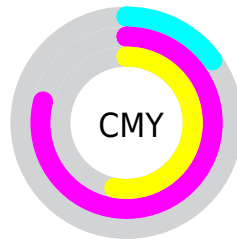


Cyan (0%)

Magenta (76%)

Yellow (45%)

Black (15%)



Cyan (15%)


Magenta (79%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.5600, 76.5580, 55.2940 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 109.5600, 76.5580, 55.2940 by changing the saturation by 10% instead.


 109.5600, 76.5580,
55.2940


 109.5600, 76.5580,
55.2940


255.0000, -0.0000,
-0.0000


 68.9770, 80.1780,
66.7860


 162.6570, 65.7390,
47.6190


 54.7380, 70.1850,
55.1530


 182.7580, 49.0970,
40.8490


 43.5590, 59.9630,
42.1630


 202.9730, 32.1340,
34.3900

 32.1950, 48.8240,
29.2720

 223.3020, 14.8500,
28.2420

 21.5710, 41.3530,
15.9850

 240.9120, 6.6000,
12.5520

 11.4760, 22.3270,
8.3670

 0.0000, 0.0000,

0.0000

■ 109.5600, 76.5580,
55.2940

■ 109.5600, 76.5580,
55.2940

■ 95.1640, 86.7810,
62.7570

■ 123.9560, 66.3350,
47.8310

■ 81.3550, 96.7290,
69.6970

■ 137.7650, 56.3870,
40.8910


■ 74.8010, 101.4050,
73.0610

■ 152.1610, 46.1640,
33.4280


■ 166.5570, 35.9410,
25.9650

■ 180.3660, 25.9930,
19.0250

■ 194.7620, 15.7700,
11.5620

 209.1580, 5.5470,
4.0990

 223.5540, -4.6760,
-3.3640

 237.3630,
-14.6240, -10.3040

Harmonies

Analogous

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



119.3120, 36.3940, 56.3140



109.5600, 76.5580, 55.2940



110.6110, 88.5750, 30.2310

Triad

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



109.5600, 76.5580, 55.2940



103.1870, 13.4890, -51.7510



106.6730, -108.8450, -4.2770

Complementary

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



109.5600, 76.5580, 55.2940



160.4400, -76.5580, -55.2940

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.



104.8200, -96.7380, -19.9540



109.5600, 76.5580, 55.2940



89.8350, -58.6770, -54.4610

Square

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



109.5600, 76.5580, 55.2940



111.7240, 52.1820, -31.6100



98.9090, -78.7160, -38.2040



100.6380, -109.7640, 6.8760

Rectangle

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



109.5600, 76.5580, 55.2940



112.4630, 85.0950, 5.1830



98.9090, -78.7160, -38.2040



107.0660, -105.8180, -9.5780

Sweetspot

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



109.5600, 76.5580, 55.2940



216.3770, 27.4600, 19.9720



100.4000, 4.5720, 71.3560



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.



109.5600, 76.5580, 55.2940



102.9700, 108.4190, 78.1070



110.2540, 93.8940, 27.4460



102.7450, 5.2720, 3.5760



59.7070, 80.6380, 58.4460



15.8060, 21.6380, 15.3500

Inverse Universe

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



109.5600, 76.5580, 55.2940



102.9700, 108.4190, 78.1070



159.7460, -93.8940, -27.4460



102.7450, 5.2720, 3.5760



59.7070, 80.6380, 58.4460



15.8060, 21.6380, 15.3500

Previews

White Background



This preview shows how the YIQ color 109.5600, 76.5580, 55.2940 looks on a white background.

Color Contrast Check

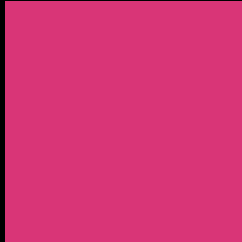
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.5600, 76.5580, 55.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

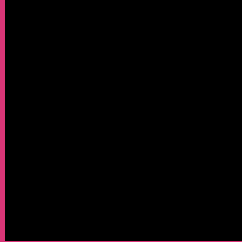
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 109.5600, 76.5580, 55.2940

Background



This preview shows how black text looks on a background with the YIQ color 109.5600, 76.5580, 55.2940.



This preview shows how white text looks on a background with the YIQ color 109.5600, 76.5580,

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

109.5600, 76.5580, 55.2940

Protanopia

120.7550, -17.8830, 10.2210

Deuteranopia

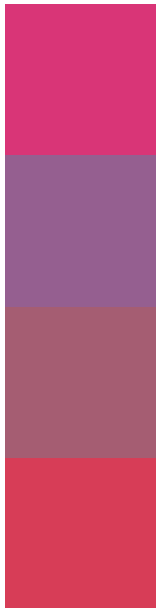
121.1110, 12.9290, 2.4730



Tritanopia

110.5940, 87.2450, 32.3090

Trichromacy



Original Color

109.5600, 76.5580, 55.2940

Protanomaly

116.7320, 16.4550, 26.6870

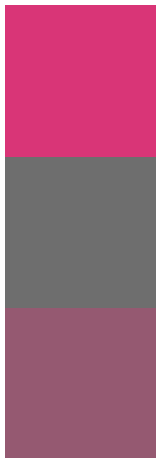
Deuteranomaly

116.9220, 36.1710, 21.7950

Tritanomaly

110.0100, 83.4380, 40.7340

Monochromacy



Original Color

109.5600, 76.5580, 55.2940

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6760, 28.0560, 20.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.5600, 76.5580, 55.2940 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, 53, 119)` looks like.

```
.text, #text, p{  
    color:rgb(217, 53, 119)  
}
```

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, 53, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 53, 119) }
```

Border

The CSS property to change the border of an element to YIQ 109.5600, 76.5580, 55.2940 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, 53, 119) }
```


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

```
.border{ border-color:rgb(217, 53, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 53, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 53, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 53, 119);  
box-shadow:4px 4px 4px 4px rgb(217, 53,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 109.5600, 76.5580, 55.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 53, 119) }
```

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

```
.background{ background-color: rgb(217, 53,  
119) }
```

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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