

Converting Colors

YIQ(107.6590, 89.7610, 63.8170)

Have a look what the booklet for
YIQ(107.6590, 89.7610, 63.8170)
contains.

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Color

**YIQ(107.6590, 89.7610,
63.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	E92A75
RGB	233, 42, 117
RGB Percent	91%, 16%, 46%
CMY	0.0858, 0.8355, 0.5409
CMYK	0.00, 0.82, 0.50, 0.09
HSL	336°, 81%, 54%
HSV	336°, 82%, 91%
XYZ	37.6865, 20.2816, 18.7815
YIQ	107.6590, 89.7610, 63.8170

Conversions

Conversions Part 2

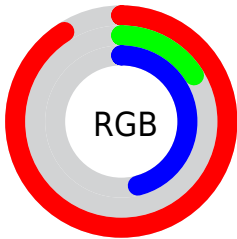
Format	Color
RYB	233, 42, 117
Decimal	15280757
CIELab	52.15, 73.56, 6.17
CIElCh	52, 73.818, 4.798
Yxy	20.2816, 0.4910, 0.2643
Android (android.graphics.Color)	4293470837 (0xFFE92A75)
YUV	107.6590, 4.6051, 109.9241
Hunter-Lab	45.0350, 70.5621, 6.7981

Details

The YIQ color **107.6590, 89.7610, 63.8170** 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 **167.3410, -89.7610, -63.8170**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4940, 67.7560, 49.6120**, and **58.9950, 79.7670, 57.7110** is the 20% darker color. If you saturate the color by 10%, you get **92.5620, 100.5800, 71.4920**, and if you desaturate by 10%, it is **122.7560, 78.9420, 56.1420**.

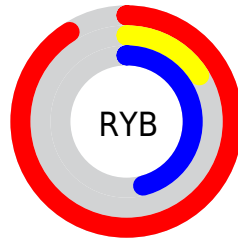
Distribution



Red (91%)

Green (16%)

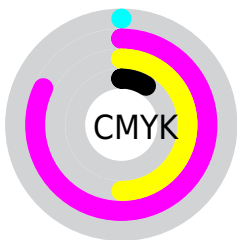
Blue (46%)



Red (91%)

Yellow (16%)

Blue (46%)

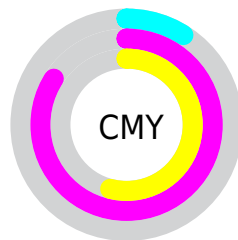


Cyan (0%)

Magenta (82%)

Yellow (50%)

Black (9%)



Cyan (9%)


Magenta (84%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.6590, 89.7610, 63.8170 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 107.6590, 89.7610, 63.8170 by changing the saturation by 10% instead.


 107.6590, 89.7610,
63.8170


 107.6590, 89.7610,
63.8170


255.0000, -0.0000,
-0.0000


 71.0000, 90.5390,
71.7470


 159.4940, 67.7560,
49.6120


 58.9950, 79.7670,
57.7110


 180.1820, 50.8390,
42.3190


 47.2180, 68.3530,
44.2970


 200.9840, 33.6010,
35.3370

 35.9680, 56.8930,
31.7170

 221.1990, 16.6380,
28.8780

 24.5610, 47.3130,
18.1050

 239.1510, 7.4250,
14.1210

 15.1780, 29.1580,
11.2220

 0.0000, 0.0000,

0.0000

■ 107.6590, 89.7610,
63.8170

■ 107.6590, 89.7610,
63.8170

■ 92.5620, 100.5800,
71.4920

■ 122.7560, 78.9420,
56.1420

■ 80.1550, 109.3360,
78.0080

■ 138.4400, 67.8480,
47.9440

■ 153.6510, 56.7080,
40.5800

■ 168.7480, 45.8890,
32.9050

■ 184.4320, 34.7950,
24.7070

■ 199.5290, 23.9760,
17.0320

■ 214.6260, 13.1570,
9.3570

■ 229.7230, 2.3380,
1.6820

■ 245.4070, -8.7560,
-6.5160

Harmonies

Analogous

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



120.8560, 46.8460, 65.1340



107.6590, 89.7610, 63.8170



112.4010, 97.9740, 30.5980

Triad

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



107.6590, 89.7610, 63.8170



104.3060, 5.6040, -57.5320



112.3610, -116.5940, -1.5060

Complementary

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



107.6590, 89.7610, 63.8170



167.3410, -89.7610, -63.8170

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.



110.9810, -104.4410, -18.0170



107.6590, 89.7610, 63.8170



94.5140, -62.2070, -56.5670

Square

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



107.6590, 89.7610, 63.8170



115.8330, 50.2570, -35.2710



104.3860, -84.4930, -38.1330



104.4510, -116.3670, 10.9050

Rectangle

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



107.6590, 89.7610, 63.8170



114.6950, 95.8250, -2.0550



104.3860, -84.4930, -38.1330



112.8680, -113.8880, -6.4960

Sweetspot

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



107.6590, 89.7610, 63.8170



212.9860, 30.1190, 21.3430



98.1590, 7.2290, 83.7810



102.3710, 18.4290, 12.9330



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.



107.6590, 89.7610, 63.8170



90.9220, 117.5420, 83.4780



110.2620, 108.6110, 30.5550



109.7450, 5.2720, 3.5760



62.2130, 85.0850, 60.4530



18.5400, 25.4430, 17.9790

Inverse Universe

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



107.6590, 89.7610, 63.8170



90.9220, 117.5420, 83.4780



164.7380, -108.6110, -30.5550



109.7450, 5.2720, 3.5760



62.2130, 85.0850, 60.4530



18.5400, 25.4430, 17.9790

Previews

White Background



This preview shows how the YIQ color 107.6590, 89.7610, 63.8170 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 107.6590, 89.7610, 63.8170 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 107.6590, 89.7610, 63.8170

Background



This preview shows how black text looks on a background with the YIQ color 107.6590, 89.7610, 63.8170.



This preview shows how white text looks on a background with the YIQ color 107.6590, 89.7610,

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

107.6590, 89.7610, 63.8170

Protanopia

125.5270, -17.2410, 9.5990

Deuteranopia

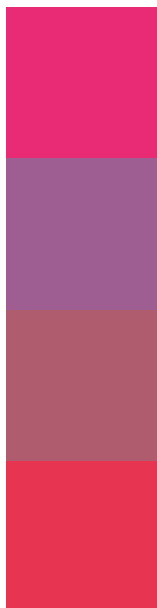
125.5090, 17.5600, 1.1440



Tritanopia

110.3570, 101.2740, 36.8740

Trichromacy



Original Color

107.6590, 89.7610, 63.8170

Protanomaly

118.9500, 21.7730, 29.4290

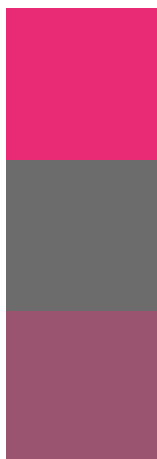
Deuteranomaly

119.2820, 43.9650, 23.7170

Tritanomaly

109.4140, 97.1000, 46.4440

Monochromacy



Original Color

107.6590, 89.7610, 63.8170

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.0080, 33.0530, 23.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.6590, 89.7610, 63.8170 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(233, 42, 117)` looks like.

```
.text, #text, p{  
    color:rgb(233, 42, 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(233, 42, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 42, 117) }
```

Border

The CSS property to change the border of an element to YIQ 107.6590, 89.7610, 63.8170 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(233, 42, 117) }
```


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

```
.border{ border-color:rgb(233, 42, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 42, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 42, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 42, 117);  
box-shadow:4px 4px 4px 4px rgb(233, 42,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 107.6590, 89.7610, 63.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 42, 117) }
```

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

```
.background{ background-color: rgb(233, 42,  
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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