

Converting Colors

YIQ(140.7410, 56.9350, 52.9910)

Have a look what the booklet for
YIQ(140.7410, 56.9350, 52.9910)
contains.

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Color

**YIQ(140.7410, 56.9350,
52.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	E45BA8
RGB	228, 91, 168
RGB Percent	89%, 36%, 66%
CMY	0.1055, 0.6433, 0.3410
CMYK	0.00, 0.60, 0.26, 0.11
HSL	326°, 72%, 63%
HSV	326°, 60%, 89%
XYZ	42.8332, 26.8107, 39.9839
YIQ	140.7410, 56.9350, 52.9910

Conversions

Conversions Part 2

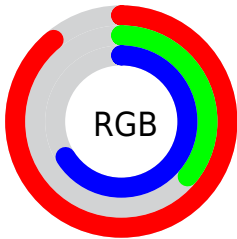
Format	Color
R _Y B	228, 91, 168
Decimal	14965672
CIE Lab	58.80, 60.93, -14.26
CIE LCh	59, 62.578, 346.830
Yxy	26.8107, 0.3907, 0.2446
Android (android.graphics.Color)	4293155752 (0xFFE45BA8)
YUV	140.7410, 13.4387, 76.5261
Hunter-Lab	51.7790, 57.0473, -9.5386

Details

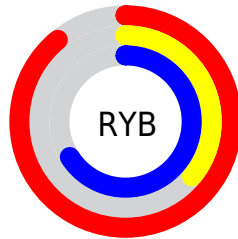
The YIQ color **140.7410, 56.9350, 52.9910** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **178.2590, -56.9350, -52.9910**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.9560, 39.9720, 46.5320**, and **80.1910, 55.7880, 57.2600** is the 20% darker color. If you saturate the color by 10%, you get **126.1000, 66.4700, 61.9100**, and if you desaturate by 10%, it is **155.3820, 47.4000, 44.0720**.

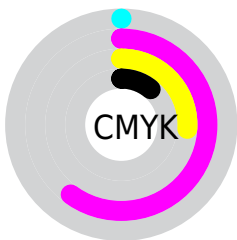
Distribution



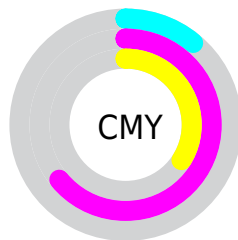
- Red (89%)
- Green (36%)
- Blue (66%)



- Red (89%)
- Yellow (36%)
- Blue (66%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (11%)




- Cyan (11%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.7410, 56.9350, 52.9910 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 140.7410, 56.9350, 52.9910 by changing the saturation by 10% instead.


 140.7410, 56.9350,
52.9910


 140.7410, 56.9350,
52.9910


255.0000, -0.0000,
-0.0000


 111.7840, 55.3760,
53.7120


 187.9560, 39.9720,
46.5320

 80.1910, 55.7880,
57.2600


 208.2850, 22.6880,
40.3840


 52.2340, 54.2290,
57.9810

 225.6500, 13.7500,
26.1500

 41.2400, 44.9240,
44.8920

 242.6730, 5.7750,
10.9830

 30.2460, 35.6190,
31.8030

 20.4910, 27.1390,
20.2830

 7.5890, 14.5790,

5.6110

■ 0.0000, 0.0000,
0.0000

■ 140.7410, 56.9350,
52.9910

■ 140.7410, 56.9350,
52.9910

■ 126.1000, 66.4700,
61.9100

■ 155.3820, 47.4000,
44.0720

■ 111.4590, 76.0050,
70.8290

■ 170.0230, 37.8650,
35.1530

■ 97.4050, 85.2650,
79.2250

■ 184.0770, 28.6050,
26.7570

■ 82.7640, 94.8000,
88.1440

■ 198.7180, 19.0700,
17.8380

■ 213.3590, 9.5350,
8.9190

■ 228.0000, 0.0000,
0.0000

■ 242.6410, -9.5350,
-8.9190

■ 246.1290,
-13.8450, -7.9010

■ 246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



145.7860, 8.3360, 47.1840



140.7410, 56.9350, 52.9910



136.8850, 82.2920, 39.4760

Triad

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



140.7410, 56.9350, 52.9910



130.1470, 37.3290, -43.2710



121.4620, -116.0410, -17.0410

Complementary

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



140.7410, 56.9350, 52.9910



178.2590, -56.9350, -52.9910

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.



117.6370, -101.1370, -33.8490



140.7410, 56.9350, 52.9910



122.7010, -20.0730, -49.2330

Square

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



140.7410, 56.9350, 52.9910



135.1010, 70.4740, -21.7020



110.5520, -82.5650, -51.0530



119.2570, -122.2330, -3.9370

Rectangle

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



140.7410, 56.9350, 52.9910



137.0740, 85.4130, 21.4530



110.5520, -82.5650, -51.0530



120.9260, -111.7760, -22.7520

Sweetspot

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



140.7410, 56.9350, 52.9910



225.7180, 19.0700, 17.8380



124.2590, -8.8130, 55.1150



109.4950, 12.1480, 11.1240



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.



140.7410, 56.9350, 52.9910



137.8720, 76.2800, 71.3520



132.9890, 78.7630, 31.8430



107.3860, 4.9050, 4.7210



64.9210, 74.5840, 69.0480



18.5550, 21.0870, 19.8310

Inverse Universe

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



140.7410, 56.9350, 52.9910



137.8720, 76.2800, 71.3520



186.0110, -78.7630, -31.8430



107.3860, 4.9050, 4.7210



64.9210, 74.5840, 69.0480



18.5550, 21.0870, 19.8310

Previews

White Background



This preview shows how the YIQ color 140.7410, 56.9350, 52.9910 looks on a white background.

Color Contrast Check

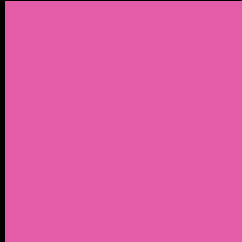
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.7410, 56.9350, 52.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

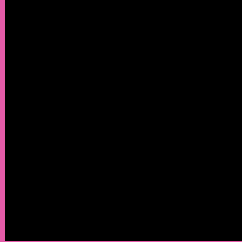
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.7410, 56.9350, 52.9910

Background



This preview shows how black text looks on a background with the YIQ color 140.7410, 56.9350, 52.9910.



This preview shows how white text looks on a background with the YIQ color 140.7410, 56.9350,

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

140.7410, 56.9350, 52.9910

Protanopia

141.8000, -30.9510, 15.7770

Deuteranopia

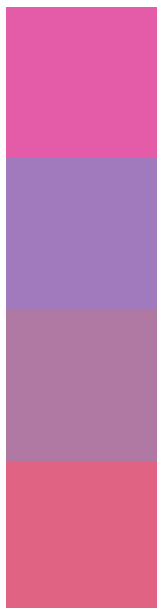
143.3130, -2.0190, 9.0610



Tritanopia

140.3790, 68.6770, 27.4050

Trichromacy



Original Color

140.7410, 56.9350, 52.9910

Protanomaly

141.4130, 1.4160, 29.4160

Deuteranomaly

142.3470, 18.9770, 25.0330

Tritanomaly

140.4360, 64.5030, 36.9750

Monochromacy



Original Color

140.7410, 56.9350, 52.9910

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.1420, 20.8120, 19.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.7410, 56.9350, 52.9910 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(228, 91, 168)` looks like.

```
.text, #text, p{  
    color:rgb(228, 91, 168)  
}
```

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(228, 91, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 91, 168) }
```

Border

The CSS property to change the border of an element to YIQ 140.7410, 56.9350, 52.9910 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(228, 91, 168) }
```


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

```
.border{ border-color:rgb(228, 91, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 91, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 91, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 91, 168);  
box-shadow:4px 4px 4px 4px rgb(228, 91,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 140.7410, 56.9350, 52.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 91, 168) }
```

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

```
.background{ background-color: rgb(228, 91,  
168) }
```

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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