

Converting Colors

YIQ(125.2580, 80.0440, 47.1800)

Have a look what the booklet for
YIQ(125.2580, 80.0440, 47.1800)
contains.

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Color

**YIQ(125.2580, 80.0440,
47.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	E74975
RGB	231, 73, 117
RGB Percent	91%, 29%, 46%
CMY	0.0937, 0.7139, 0.5409
CMYK	0.00, 0.68, 0.49, 0.09
HSL	343°, 77%, 60%
HSV	343°, 68%, 91%
XYZ	38.5815, 23.0485, 19.2673
YIQ	125.2580, 80.0440, 47.1800

Conversions

Conversions Part 2

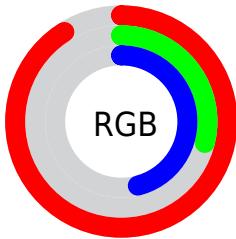
Format	Color
R_{YB}	231, 73, 117
Decimal	15157621
CIE _{Lab}	55.12, 63.65, 10.34
CIE _{LCh}	55, 64.485, 9.228
Yxy	23.0485, 0.4769, 0.2849
Android (android.graphics.Color)	4293347701 (0xFFE74975)
YUV	125.2580, -4.0712, 92.7357
Hunter-Lab	48.0088, 59.4332, 9.8115

Details

The YIQ color **125.2580, 80.0440, 47.1800** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **178.7420, -80.0440, -47.1800**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4080, 61.7060, 38.1060**, and **58.6960, 79.1710, 57.4990** is the 20% darker color. If you saturate the color by 10%, you get **109.8190, 91.8260, 53.9220**, and if you desaturate by 10%, it is **140.6970, 68.2620, 40.4380**.

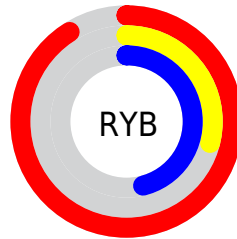
Distribution



Red (91%)

Green (29%)

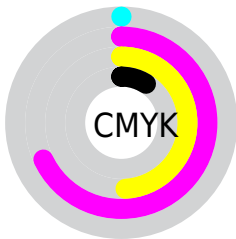
Blue (46%)



Red (91%)

Yellow (29%)

Blue (46%)

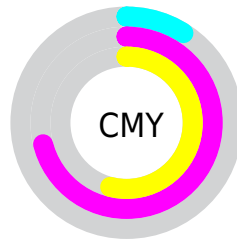


Cyan (0%)

Magenta (68%)

Yellow (49%)

Black (9%)



Cyan (9%)


Magenta (71%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.2580, 80.0440, 47.1800 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 125.2580, 80.0440, 47.1800 by changing the saturation by 10% instead.


 125.2580, 80.0440,
47.1800


 125.2580, 80.0440,
47.1800


255.0000, -0.0000,
-0.0000


 93.8820, 78.3470,
50.4030


 172.4080, 61.7060,
38.1060


 58.6960, 79.1710,
57.4990


 192.5090, 45.0640,
31.3360

 47.2180, 68.3530,
44.2970


 212.1370, 28.3760,
25.4000

 35.9680, 56.8930,
31.7170

 233.0530, 10.8170,
18.7290

 24.3330, 47.9550,
17.4830

 250.3040, 2.2000,
4.1840

 15.7760, 30.3500,
11.6460

 0.0000, 0.0000,

0.0000

■ 125.2580, 80.0440,
47.1800

■ 125.2580, 80.0440,
47.1800

■ 109.8190, 91.8260,
53.9220

■ 140.6970, 68.2620,
40.4380

■ 94.4940, 103.2870,
60.9750

■ 156.0220, 56.8010,
33.3850

■ 79.0550, 115.0690,
67.7170

■ 171.4610, 45.0190,
26.6430

■ 76.3650, 117.1320,
68.8760

■ 186.9000, 33.2370,
19.9010

■ 202.2250, 21.7760,
12.8480

■ 218.2510, 9.7190,
5.5830

■ 233.6900, -2.0630,
-1.1590

■ 247.2540,
-12.6990, -6.6430

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



131.5320, 47.3980, 55.1260



125.2580, 80.0440, 47.1800



126.2050, 86.4220, 19.6860

Triad

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



125.2580, 80.0440, 47.1800



114.9710, -3.3380, -49.6580



114.4810, -117.0520, -4.2200

Complementary

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



125.2580, 80.0440, 47.1800



178.7420, -80.0440, -47.1800

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.



114.6000, -107.7420, -18.7660



125.2580, 80.0440, 47.1800



101.2450, -71.5150, -53.0750

Square

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



125.2580, 80.0440, 47.1800



121.7030, 47.5070, -40.5010



109.6180, -90.9580, -36.6060



105.7730, -114.5780, 6.0140

Rectangle

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



125.2580, 80.0440, 47.1800



126.6270, 81.3370, -3.8070



109.6180, -90.9580, -36.6060



115.2160, -114.9880, -8.5880

Sweetspot

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



125.2580, 80.0440, 47.1800



218.8560, 27.3690, 16.1130



124.7990, 16.6300, 73.0940



106.5940, 16.1830, 9.5830



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.



125.2580, 80.0440, 47.1800



115.1030, 105.9460, 62.3460



140.2000, 84.8180, 15.7140



106.9300, 6.1890, 3.4770



59.2210, 90.6340, 53.4980



16.8450, 25.9020, 15.1660

Inverse Universe

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



125.2580, 80.0440, 47.1800



115.1030, 105.9460, 62.3460



163.8000, -84.8180, -15.7140



106.9300, 6.1890, 3.4770



59.2210, 90.6340, 53.4980



16.8450, 25.9020, 15.1660

Previews

White Background



This preview shows how the YIQ color 125.2580, 80.0440, 47.1800 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 125.2580, 80.0440, 47.1800 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 125.2580, 80.0440, 47.1800

Background



This preview shows how black text looks on a background with the YIQ color 125.2580, 80.0440, 47.1800.



This preview shows how white text looks on a background with the YIQ color 125.2580, 80.0440,

47.1800.

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

125.2580, 80.0440, 47.1800

Protanopia

132.7530, -6.3740, 5.3860

Deuteranopia

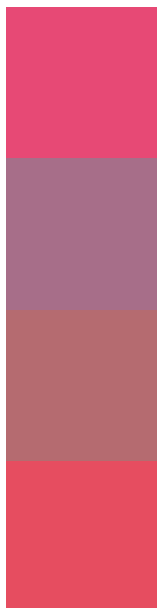
132.7220, 21.2740, -0.0860



Tritanopia

125.0070, 87.5200, 32.8320

Trichromacy



Original Color

125.2580, 80.0440, 47.1800

Protanomaly

130.1210, 25.3050, 20.4810

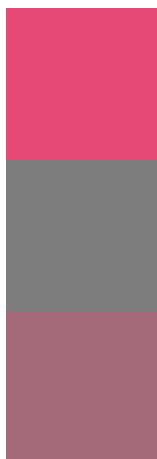
Deuteranomaly

129.6960, 42.4990, 17.2430

Tritanomaly

124.9130, 85.0890, 38.3450

Monochromacy



Original Color

125.2580, 80.0440, 47.1800

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1660, 29.4320, 17.2720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.2580, 80.0440, 47.1800 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(231, 73, 117)` looks like.

```
.text, #text, p{  
    color:rgb(231, 73, 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(231, 73, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 73, 117) }
```

Border

The CSS property to change the border of an element to YIQ 125.2580, 80.0440, 47.1800 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(231, 73, 117) }
```


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

```
.border{ border-color:rgb(231, 73, 117) }
```

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

Here you see how a box with a 4 pixel rgb(231, 73, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 73, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 73, 117);  
box-shadow:4px 4px 4px 4px rgb(231, 73,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 125.2580, 80.0440, 47.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 73, 117) }
```

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

```
.background{ background-color: rgb(231, 73,  
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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