

Converting Colors

YIQ(159.0230, 47.0330, 45.2170)

Have a look what the booklet for
YIQ(159.0230, 47.0330, 45.2170)
contains.

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Color

**YIQ(159.0230, 47.0330,
45.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	E875B8
RGB	232, 117, 184
RGB Percent	91%, 46%, 72%
CMY	0.0899, 0.5413, 0.2783
CMYK	0.00, 0.50, 0.21, 0.09
HSL	325°, 72%, 68%
HSV	325°, 50%, 91%
XYZ	48.3158, 33.3428, 49.2556
YIQ	159.0230, 47.0330, 45.2170

Conversions

Conversions Part 2

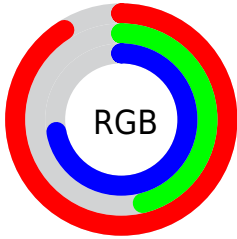
Format	Color
R _Y B	232, 117, 184
Decimal	15234488
CIE Lab	64.44, 52.33, -14.85
CIE LCh	64, 54.395, 344.162
Yxy	33.3428, 0.3691, 0.2547
Android (android.graphics.Color)	4293424568 (0xFFE875B8)
YUV	159.0230, 12.3137, 64.0008
Hunter-Lab	57.7432, 48.3069, -10.1548

Details

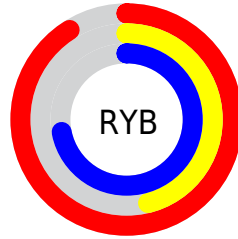
The YIQ color **159.0230, 47.0330, 45.2170** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **189.9770, -47.0330, -45.2170**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5690, 27.6400, 38.7440**, and **103.9410, 44.3280, 44.6800** is the 20% darker color. If you saturate the color by 10%, you get **144.3820, 56.5680, 54.1360**, and if you desaturate by 10%, it is **173.6640, 37.4980, 36.2980**.

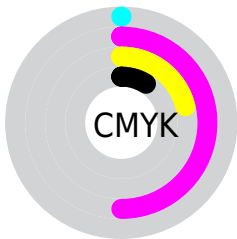
Distribution



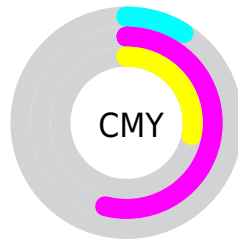
- Red (91%)
- Green (46%)
- Blue (72%)



- Red (91%)
- Yellow (46%)
- Blue (72%)



- Cyan (0%)
- Magenta (50%)
- Yellow (21%)
- Black (9%)



- Cyan (9%)
- Magenta (54%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.0230, 47.0330, 45.2170 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 159.0230, 47.0330, 45.2170 by changing the saturation by 10% instead.

159.0230, 47.0330,
45.2170

159.0230, 47.0330,
45.2170

255.0000, -0.0000,
-0.0000

131.4250, 45.8410,
44.7930

204.5690, 27.6400,
38.7440

103.9410, 44.3280,
44.6800

223.3020, 14.8500,
28.2420

75.1090, 43.9150,
46.6590

239.7380, 7.1500,
13.5980

44.5160, 44.3270,
50.2070

33.8210, 35.6180,
37.3300

23.6530, 26.8630,
25.2870

13.2570, 18.7500,

12.6220

■ 0.0000, 0.0000,
0.0000

■ 159.0230, 47.0330,
45.2170

■ 159.0230, 47.0330,
45.2170

■ 144.3820, 56.5680,
54.1360

■ 173.6640, 37.4980,
36.2980

■ 129.8550, 65.7820,
63.3660

■ 188.1910, 28.2840,
27.0680

■ 114.6270, 75.5920,
72.8080

■ 203.4190, 18.4740,
17.6260

■ 99.9860, 85.1270,
81.7270

■ 218.0600, 8.9390,
8.7070

■ 85.4590, 94.3410,
90.9570

■ 232.5870, -0.2750,
-0.5230

■ 84.7580, 94.9370,
91.1690

■ 246.6410, -9.5350,
-8.9190

■ 247.7810,
-12.7450, -5.8090

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



160.9330, 3.2480, 40.2720



159.0230, 47.0330, 45.2170



155.8620, 71.9310, 34.5150

Triad

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



159.0230, 47.0330, 45.2170



149.0300, 33.7050, -32.6550



129.3210, -120.2580, -23.2180

Complementary

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



159.0230, 47.0330, 45.2170



189.9770, -47.0330, -45.2170

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.



125.9520, -106.6380, -38.7820



159.0230, 47.0330, 45.2170



142.4190, -10.1710, -41.4590

Square

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



159.0230, 47.0330, 45.2170



152.6630, 63.3200, -13.1920



119.6650, -90.3130, -53.8090



127.5890, -126.4040, -10.9480

Rectangle

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



159.0230, 47.0330, 45.2170



154.9420, 76.9770, 20.1530



119.6650, -90.3130, -53.8090



128.8990, -116.3140, -28.6180

Sweetspot

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



159.0230, 47.0330, 45.2170



230.8700, 15.5860, 14.8980



144.4620, -8.3070, 45.9410



113.3590, 9.5350, 8.9190



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.



159.0230, 47.0330, 45.2170



157.8930, 62.6190, 60.1150



152.5250, 65.3300, 27.4900



109.9730, 4.6300, 4.1980



66.0890, 74.1710, 71.0270



19.6800, 22.2330, 21.0890

Inverse Universe

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



159.0230, 47.0330, 45.2170



157.8930, 62.6190, 60.1150



196.4750, -65.3300, -27.4900



109.9730, 4.6300, 4.1980



66.0890, 74.1710, 71.0270



19.6800, 22.2330, 21.0890

Previews

White Background



This preview shows how the YIQ color 159.0230, 47.0330, 45.2170 looks on a white background.

Color Contrast Check

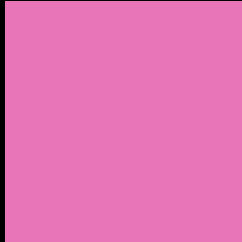
Large Text (above 18pt) WCAG AA × Fail

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 159.0230, 47.0330, 45.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

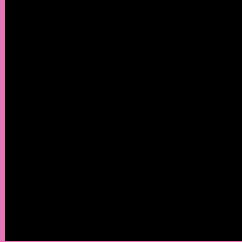
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.0230, 47.0330, 45.2170

Background



This preview shows how black text looks on a background with the YIQ color 159.0230, 47.0330, 45.2170.



This preview shows how white text looks on a background with the YIQ color 159.0230, 47.0330,

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

159.0230, 47.0330, 45.2170

Protanopia

157.1980, -26.3200, 14.4480

Deuteranopia

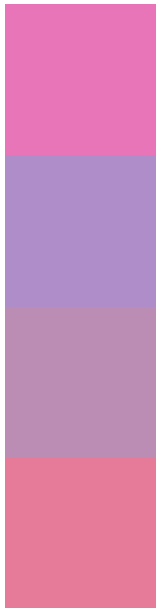
158.5410, -2.6610, 9.6830



Tritanopia

157.9260, 56.7110, 23.9990

Trichromacy



Original Color

159.0230, 47.0330, 45.2170

Protanomaly

157.7070, 0.4080, 25.6560

Deuteranomaly

158.6130, 15.1720, 22.4040

Tritanomaly

158.1140, 53.5460, 31.8020

Monochromacy



Original Color

159.0230, 47.0330, 45.2170

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.2940, 17.3280, 16.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.0230, 47.0330, 45.2170 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(232, 117, 184)` looks like.

```
.text, #text, p{  
    color:rgb(232, 117, 184)  
}
```

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(232, 117, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 117, 184) }
```

Border

The CSS property to change the border of an element to YIQ 159.0230, 47.0330, 45.2170 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(232, 117, 184) }
```


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

```
.border{ border-color:rgb(232, 117, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 117, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 117, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 117, 184); box-shadow:4px 4px 4px 4px rgb(232, 117, 184) }
```

Background

The CSS property to change the background color of an element to YIQ 159.0230, 47.0330, 45.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 117, 184) }
```

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

```
.background{ background-color: rgb(232,  
117, 184) }
```

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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