

Converting Colors

YIQ(173.5860, 46.1650, 27.9010)

Have a look what the booklet for
YIQ(173.5860, 46.1650, 27.9010)
contains.

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Color

**YIQ(173.5860, 46.1650,
27.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8FAA
RGB	235, 143, 170
RGB Percent	92%, 56%, 67%
CMY	0.0782, 0.4393, 0.3332
CMYK	0.00, 0.39, 0.28, 0.08
HSL	342°, 70%, 74%
HSV	342°, 39%, 92%
XYZ	51.3571, 40.2096, 43.1052
YIQ	173.5860, 46.1650, 27.9010

Conversions

Conversions Part 2

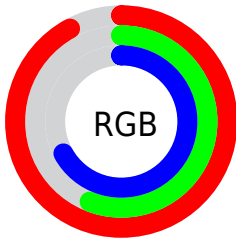
Format	Color
R _{YB}	235, 143, 170
Decimal	15437738
CIE Lab	69.62, 38.20, 0.76
CIE LCh	70, 38.209, 1.146
Yxy	40.2096, 0.3813, 0.2986
Android (android.graphics.Color)	4293627818 (0xFFEB8FAA)
YUV	173.5860, -1.7679, 53.8601
Hunter-Lab	63.4110, 33.5993, 4.0839

Details

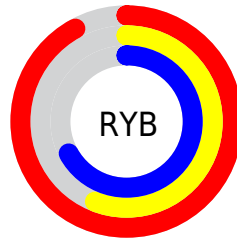
The YIQ color **173.5860, 46.1650, 27.9010** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **204.4140, -46.1650, -27.9010**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.1210, 25.3050, 20.4810**, and **119.7920, 42.5890, 26.6290** is the 20% darker color. If you saturate the color by 10%, you get **157.5600, 58.2220, 35.1660**, and if you desaturate by 10%, it is **189.0250, 34.3830, 21.1590**.

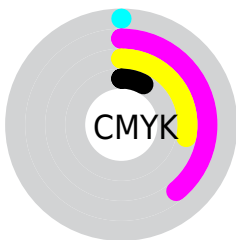
Distribution



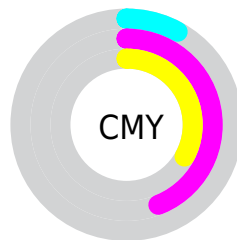
- Red (92%)
- Green (56%)
- Blue (67%)



- Red (92%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (28%)
- Black (8%)





- Cyan (8%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 173.5860, 46.1650, 27.9010 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 173.5860, 46.1650, 27.9010 by changing the saturation by 10% instead.


 173.5860, 46.1650,
27.9010

 173.5860, 46.1650,
27.9010


255.0000, -0.0000,
-0.0000


 146.1020, 44.6520,
27.7880


 218.1210, 25.3050,
20.4810


 119.7920, 42.5890,
26.6290

 237.8630, 8.2960,
14.8560

 93.3080, 41.0760,
26.5160

 67.9380, 39.2420,
26.7140

 40.9210, 37.9120,
28.7920

 23.7090, 32.4570,
23.0250

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 173.5860, 46.1650,
27.9010

■ 173.5860, 46.1650,
27.9010

■ 157.5600, 58.2220,
35.1660

■ 189.0250, 34.3830,
21.1590

■ 142.2350, 69.6830,
42.2190

■ 204.9370, 22.6470,
13.5830

■ 126.2090, 81.7400,
49.4840

■ 220.3760, 10.8650,
6.8410

■ 110.8840, 93.2010,
56.5370

■ 236.2880, -0.8710,
-0.7350

■ 94.8580, 105.2580,
63.8020

■ 248.7920,
-11.2780, -4.8620

■ 79.4190, 117.0400,
70.5440

■ 249.0200,
-11.9200, -4.2400

■ 78.1310, 117.9110,
71.2790

Harmonies

Analogous

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



175.0040, 21.6810, 31.0970



173.5860, 46.1650, 27.9010



171.7700, 56.8500, 15.9700

Triad

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



173.5860, 46.1650, 27.9010



163.8440, 8.1660, -26.8580



150.0970, -89.9080, -11.5720

Complementary

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



173.5860, 46.1650, 27.9010



204.4140, -46.1650, -27.9010

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.



134.9220, -115.1210, -33.7210



173.5860, 46.1650, 27.9010



158.0710, -26.2660, -30.6020

Square

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



173.5860, 46.1650, 27.9010



167.1250, 35.5360, -16.2720



149.7580, -67.8050, -32.1970



164.9760, -52.1780, 9.5020

Rectangle

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



173.5860, 46.1650, 27.9010



171.0220, 55.6600, 4.4920



149.7580, -67.8050, -32.1970



144.1830, -102.1940, -20.1940

Sweetspot

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



173.5860, 46.1650, 27.9010



234.2950, 15.5870, 9.3710



172.6240, 8.6120, 42.1800



115.9520, 9.1230, 5.3710



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.



173.5860, 46.1650, 27.9010



174.8700, 60.2850, 36.3250



181.0740, 49.8820, 10.0900



109.6310, 5.5930, 3.2650



60.1610, 90.8630, 54.8550



17.9700, 27.0480, 16.4240

Inverse Universe

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



173.5860, 46.1650, 27.9010



174.8700, 60.2850, 36.3250



196.9260, -49.8820, -10.0900



109.6310, 5.5930, 3.2650



60.1610, 90.8630, 54.8550



17.9700, 27.0480, 16.4240

Previews

White Background



This preview shows how the YIQ color 173.5860, 46.1650, 27.9010 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 173.5860, 46.1650, 27.9010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

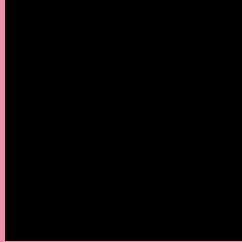
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.5860, 46.1650, 27.9010

Background



This preview shows how black text looks on a background with the YIQ color 173.5860, 46.1650, 27.9010.



This preview shows how white text looks on a background with the YIQ color 173.5860, 46.1650,

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

173.5860, 46.1650, 27.9010

Protanopia

170.9380, -5.4570, 5.2870

Deuteranopia

171.9910, 13.3870, 5.1870



Tritanopia

172.8650, 49.5130, 22.2890

Trichromacy



Original Color

173.5860, 46.1650, 27.9010



Protanomaly

172.1470, 13.2480, 13.2160



Deuteranomaly

172.4920, 25.3980, 13.2860



Tritanomaly

172.8480, 48.1830, 24.3670

Monochromacy



Original Color

173.5860, 46.1650, 27.9010



Achromatopsia

174.0000, -0.0000, -0.0000



Achromatomaly

174.0070, 16.4580, 10.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.5860, 46.1650, 27.9010 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(235, 143, 170)` looks like.

```
.text, #text, p{  
    color:rgb(235, 143, 170)  
}
```

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(235, 143, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 143, 170) }
```

Border

The CSS property to change the border of an element to YIQ 173.5860, 46.1650, 27.9010 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(235, 143, 170) }
```


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

```
.border{ border-color:rgb(235, 143, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 143, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 143, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 143, 170);  
box-shadow:4px 4px 4px 4px rgb(235, 143,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 173.5860, 46.1650, 27.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 143, 170) }
```

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

```
.background{ background-color: rgb(235,  
143, 170) }
```

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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