

Converting Colors

YIQ(183.6570, 30.2080, 36.2560)

Have a look what the booklet for
YIQ(183.6570, 30.2080, 36.2560)
contains.

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Color

**YIQ(183.6570, 30.2080,
36.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	EB98D4
RGB	235, 152, 212
RGB Percent	92%, 60%, 83%
CMY	0.0782, 0.4040, 0.1686
CMYK	0.00, 0.35, 0.10, 0.08
HSL	317°, 68%, 76%
HSV	317°, 35%, 92%
XYZ	57.3894, 44.8720, 67.9361
YIQ	183.6570, 30.2080, 36.2560

Conversions

Conversions Part 2

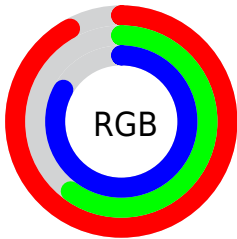
Format	Color
RYB	235, 152, 212
Decimal	15440084
CIELab	72.81, 39.81, -17.78
CIELCh	73, 43.605, 335.930
Yxy	44.8720, 0.3372, 0.2636
Android (android.graphics.Color)	4293630164 (0xFFEB98D4)
YUV	183.6570, 13.9731, 45.0278
Hunter-Lab	66.9865, 35.6998, -13.2399

Details

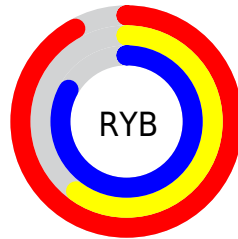
The YIQ color **183.6570, 30.2080, 36.2560** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.3430, -30.2080, -36.2560**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.8240, 13.2000, 25.1040**, and **129.2330, 28.4660, 34.7860** is the 20% darker color. If you saturate the color by 10%, you get **168.8850, 38.7340, 46.9420**, and if you desaturate by 10%, it is **197.9560, 21.6360, 26.4040**.

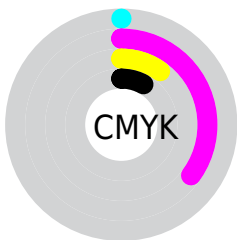
Distribution



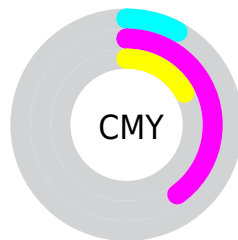
- Red (92%)
- Green (60%)
- Blue (83%)



- Red (92%)
- Yellow (60%)
- Blue (83%)



- Cyan (0%)
- Magenta (35%)
- Yellow (10%)
- Black (8%)




- Cyan (8%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.6570, 30.2080, 36.2560 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 183.6570, 30.2080, 36.2560 by changing the saturation by 10% instead.


 183.6570, 30.2080,
36.2560

 183.6570, 30.2080,
36.2560


255.0000, -0.0000,
-0.0000


 155.9450, 29.3370,
35.5210


 226.8240, 13.2000,
25.1040


 129.2330, 28.4660,
34.7860

 243.8470, 5.2250,
9.9370

 103.2220, 26.9990,
33.8390

 77.6240, 25.8070,
33.4150

 51.2650, 25.4400,
34.5600

 28.1400, 24.2940,
33.3020

 18.8690, 17.3270,

21.8950

■ 6.2660, 5.3630,
7.4350

■ 0.0000, 0.0000,
0.0000

■ 183.6570, 30.2080,
36.2560

■ 183.6570, 30.2080,
36.2560

■ 168.8850, 38.7340,
46.9420

■ 197.9560, 21.6360,
26.4040

■ 154.5860, 47.3060,
56.7940

■ 212.7280, 13.1100,
15.7180

■ 139.7000, 56.1530,
67.1690

■ 227.0270, 4.5380,
5.8660

■ 125.5150, 64.4040,
77.3320

■ 241.7990, -3.9880,
-4.8200

■ 110.6290, 73.2510,
87.7070

■ 247.8800, -8.7100,
-7.3500

■ 96.4440, 81.5020,
97.8700

■ 248.5640,
-10.6360, -5.4840

■ 89.6450, 85.4900,
102.6900

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



182.2640, -8.3500, 30.1940



183.6570, 30.2080, 36.2560



181.8430, 55.7470, 30.4590

Triad

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



183.6570, 30.2080, 36.2560



174.8490, 36.1330, -21.5870



141.7620, -126.3540, -33.8900

Complementary

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



183.6570, 30.2080, 36.2560



203.3430, -30.2080, -36.2560

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.



145.1820, -101.5940, -42.0900



183.6570, 30.2080, 36.2560



170.3440, 3.5820, -31.8900

Square

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



183.6570, 30.2080, 36.2560



178.0080, 58.2750, -4.3570



162.9660, -39.3320, -36.1000



152.6910, -109.2560, -13.3520

Rectangle

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



183.6570, 30.2080, 36.2560



180.3520, 64.1390, 21.5390



162.9660, -39.3320, -36.1000



140.9810, -122.7770, -38.1450

Sweetspot

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



183.6570, 30.2080, 36.2560



237.6520, 10.2680, 12.1560



168.0400, -13.5310, 30.4770



117.4510, 6.2800, 7.3360



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.



183.6570, 30.2080, 36.2560



188.7710, 39.0550, 46.6310



178.9830, 43.3690, 23.5050



110.2010, 3.9880, 4.8200



69.0530, 65.8250, 79.1130



20.5920, 19.6650, 23.5770

Inverse Universe

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



183.6570, 30.2080, 36.2560



188.7710, 39.0550, 46.6310



208.0170, -43.3690, -23.5050



110.2010, 3.9880, 4.8200



69.0530, 65.8250, 79.1130



20.5920, 19.6650, 23.5770

Previews

White Background



This preview shows how the YIQ color 183.6570, 30.2080, 36.2560 looks on a white background.

Color Contrast Check

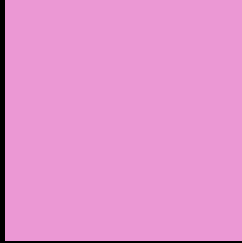
Large Text (above 18pt) WCAG AA × Fail

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 183.6570, 30.2080, 36.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

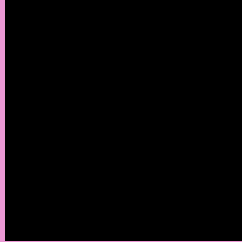
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.6570, 30.2080, 36.2560

Background



This preview shows how black text looks on a background with the YIQ color 183.6570, 30.2080, 36.2560.



This preview shows how white text looks on a background with the YIQ color 183.6570, 30.2080,

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

183.6570, 30.2080, 36.2560

Protanopia

179.6390, -23.2480, 13.8400

Deuteranopia

181.1540, -5.8250, 11.9590



Tritanopia

182.2980, 37.8680, 18.5720

Trichromacy



Original Color

183.6570, 30.2080, 36.2560



Protanomaly

181.1470, -3.9470, 21.9810



Deuteranomaly

182.2530, 7.3780, 20.4820



Tritanomaly

182.8450, 35.0700, 25.2300

Monochromacy



Original Color

183.6570, 30.2080, 36.2560



Achromatopsia

184.0000, 0.0000, -0.0000



Achromatomaly

183.7770, 11.4140, 13.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.6570, 30.2080, 36.2560 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, 152, 212)` looks like.

```
.text, #text, p{  
    color:rgb(235, 152, 212)  
}
```

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, 152, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 152, 212) }
```

Border

The CSS property to change the border of an element to YIQ 183.6570, 30.2080, 36.2560 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, 152, 212) }
```


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

```
.border{ border-color:rgb(235, 152, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 152, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 152, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 152, 212);  
box-shadow:4px 4px 4px 4px rgb(235, 152,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 183.6570, 30.2080, 36.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 152, 212) }
```

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

```
.background{ background-color: rgb(235,  
152, 212) }
```

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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