

Converting Colors

YIQ(185.0160, 30.5750, 35.1110)

Have a look what the booklet for
YIQ(185.0160, 30.5750, 35.1110)
contains.

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Color

**YIQ(185.0160, 30.5750,
35.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9AD3
RGB	236, 154, 211
RGB Percent	93%, 60%, 83%
CMY	0.0743, 0.3962, 0.1725
CMYK	0.00, 0.35, 0.11, 0.07
HSL	318°, 68%, 76%
HSV	318°, 35%, 93%
XYZ	57.9219, 45.6469, 67.3989
YIQ	185.0160, 30.5750, 35.1110

Conversions

Conversions Part 2

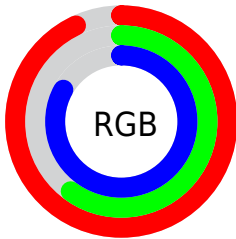
Format	Color
R_{YB}	236, 154, 211
Decimal	15506131
CIE Lab	73.32, 38.93, -16.46
CIE LCh	73, 42.261, 337.084
Yxy	45.6469, 0.3388, 0.2670
Android (android.graphics.Color)	4293696211 (0xFFEC9AD3)
YUV	185.0160, 12.8101, 44.7130
Hunter-Lab	67.5625, 34.7950, -11.8526

Details

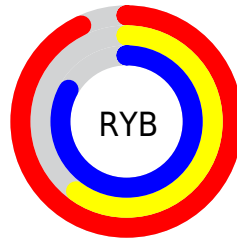
The YIQ color **185.0160, 30.5750, 35.1110** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **204.9840, -30.5750, -35.1110**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.9980, 12.6500, 24.0580**, and **130.5920, 28.8330, 33.6410** is the 20% darker color. If you saturate the color by 10%, you get **170.1300, 39.4220, 45.4860**, and if you desaturate by 10%, it is **199.9020, 21.7280, 24.7360**.

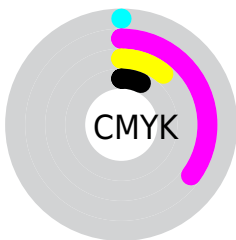
Distribution



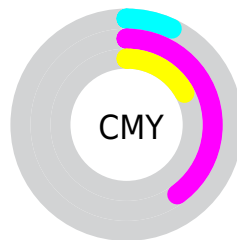
- Red (93%)
- Green (60%)
- Blue (83%)



- Red (93%)
- Yellow (60%)
- Blue (83%)



- Cyan (0%)
- Magenta (35%)
- Yellow (11%)
- Black (7%)





- Cyan (7%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 185.0160, 30.5750, 35.1110 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 185.0160, 30.5750, 35.1110 by changing the saturation by 10% instead.


 185.0160, 30.5750,
35.1110


 185.0160, 30.5750,
35.1110


255.0000, -0.0000,
-0.0000


 157.3040, 29.7040,
34.3760


 227.9980, 12.6500,
24.0580


 130.5920, 28.8330,
33.6410

 245.0210, 4.6750,
8.8910

 104.5810, 27.3660,
32.6940

 78.9830, 26.1740,
32.2700

 53.2110, 25.5320,
32.8920

 28.4390, 24.8900,
33.5140

 18.7550, 17.6480,

21.5840

■ 7.0490, 7.4720,
7.7600

■ 0.0000, 0.0000,
0.0000

■ 185.0160, 30.5750,
35.1110

■ 185.0160, 30.5750,
35.1110

■ 170.1300, 39.4220,
45.4860

■ 199.9020, 21.7280,
24.7360

■ 155.8310, 47.9940,
55.3380

■ 214.2010, 13.1560,
14.8840

■ 140.8310, 57.1620,
65.4020

■ 229.2010, 3.9880,
4.8200

■ 126.5320, 65.7340,
75.2540

■ 243.5000, -4.5840,
-5.0320

■ 111.6460, 74.5810,
85.6290

■ 248.4070, -8.7560,
-6.5160

■ 96.7600, 83.4280,
96.0040

■ 249.2050,
-11.0030, -4.3390

■ 89.2600, 88.0120,
101.0360

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



184.2210, -6.7910, 29.4730



185.0160, 30.5750, 35.1110



183.0170, 55.1970, 29.4130

Triad

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



185.0160, 30.5750, 35.1110



176.4790, 34.2990, -21.3890



142.5770, -127.2710, -33.7910

Complementary

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



185.0160, 30.5750, 35.1110



204.9840, -30.5750, -35.1110

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.



150.7810, -92.9750, -38.5990



185.0160, 30.5750, 35.1110



171.5010, 1.7020, -30.8580

Square

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



185.0160, 30.5750, 35.1110



179.2250, 56.1660, -4.6820



164.9060, -39.1030, -34.7430



158.9590, -98.2070, -9.8470

Rectangle

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



185.0160, 30.5750, 35.1110



181.9280, 62.3970, 20.0690



164.9060, -39.1030, -34.7430



141.7960, -123.6940, -38.0460

Sweetspot

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



185.0160, 30.5750, 35.1110



239.4130, 9.4430, 10.5870



170.8230, -11.4220, 30.8020



118.0380, 6.0050, 6.8130



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.



185.0160, 30.5750, 35.1110



188.4290, 40.0180, 45.6980



180.3420, 43.7360, 22.3600



110.2010, 3.9880, 4.8200



68.4830, 67.4300, 77.5580



20.3640, 20.3070, 22.9550

Inverse Universe

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



185.0160, 30.5750, 35.1110



188.4290, 40.0180, 45.6980



209.6580, -43.7360, -22.3600



110.2010, 3.9880, 4.8200



68.4830, 67.4300, 77.5580



20.3640, 20.3070, 22.9550

Previews

White Background



This preview shows how the YIQ color 185.0160, 30.5750, 35.1110 looks on a white background.

Color Contrast Check

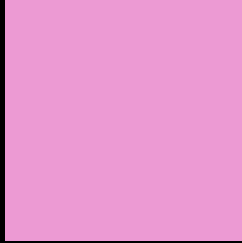
Large Text (above 18pt) WCAG AA × Fail

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 185.0160, 30.5750, 35.1110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

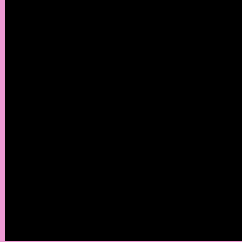
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.0160, 30.5750, 35.1110

Background



This preview shows how black text looks on a background with the YIQ color 185.0160, 30.5750, 35.1110.



This preview shows how white text looks on a background with the YIQ color 185.0160, 30.5750,

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

185.0160, 30.5750, 35.1110

Protanopia

181.2970, -22.2850, 12.9070

Deuteranopia

182.2250, -4.5870, 11.5490



Tritanopia

183.5970, 38.4640, 18.7840

Trichromacy



Original Color

185.0160, 30.5750, 35.1110



Protanomaly

182.8050, -2.9840, 21.0480



Deuteranomaly

183.3240, 8.6160, 20.0720



Tritanomaly

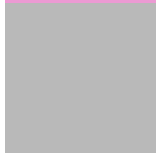
183.7310, 35.3910, 24.9190

Monochromacy



Original Color

185.0160, 30.5750, 35.1110



Achromatopsia

185.0000, -0.0000, -0.0000



Achromatomaly

185.2500, 11.4600, 12.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.0160, 30.5750, 35.1110 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(236, 154, 211)` looks like.

```
.text, #text, p{  
    color:rgb(236, 154, 211)  
}
```

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(236, 154, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 154, 211) }
```

Border

The CSS property to change the border of an element to YIQ 185.0160, 30.5750, 35.1110 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(236, 154, 211) }
```


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

```
.border{ border-color:rgb(236, 154, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 154, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 154, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 154, 211);  
box-shadow:4px 4px 4px 4px rgb(236, 154,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 185.0160, 30.5750, 35.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 154, 211) }
```

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

```
.background{ background-color: rgb(236,  
154, 211) }
```

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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