

Converting Colors

YIQ(175.8650, 32.3180, 31.0540)

Have a look what the booklet for
YIQ(175.8650, 32.3180, 31.0540)
contains.

YIQ(175.8650, 32.3180, 31.0540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(175.8650, 32.3180,
31.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	E293C1
RGB	226, 147, 193
RGB Percent	89%, 58%, 76%
CMY	0.1135, 0.4236, 0.2430
CMYK	0.00, 0.35, 0.15, 0.11
HSL	325°, 58%, 73%
HSV	325°, 35%, 89%
XYZ	51.4382, 40.8861, 55.6466
YIQ	175.8650, 32.3180, 31.0540

Conversions

Conversions Part 2

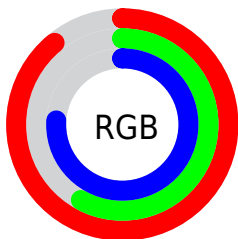
Format	Color
R _Y B	226, 147, 193
Decimal	14848961
CIE Lab	70.10, 36.36, -11.46
CIE LCh	70, 38.121, 342.503
Yxy	40.8861, 0.3476, 0.2763
Android (android.graphics.Color)	4293039041 (0xFFE293C1)
YUV	175.8650, 8.4476, 43.9684
Hunter-Lab	63.9423, 31.6949, -6.8383

Details

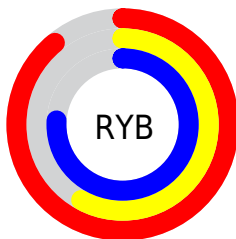
The YIQ color **175.8650, 32.3180, 31.0540** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **197.1350, -32.3180, -31.0540**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.2050, 16.5010, 25.8530**, and **122.1420, 29.9800, 29.3720** is the 20% darker color. If you saturate the color by 10%, you get **161.3380, 41.5320, 40.2840**, and if you desaturate by 10%, it is **190.3920, 23.1040, 21.8240**.

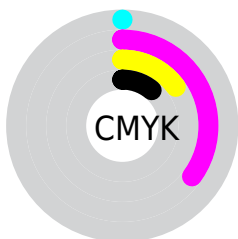
Distribution



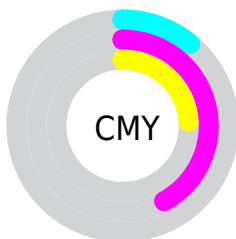
- Red (89%)
- Green (58%)
- Blue (76%)



- Red (89%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (11%)




- Cyan (11%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.8650, 32.3180, 31.0540 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 175.8650, 32.3180, 31.0540 by changing the saturation by 10% instead.


 175.8650, 32.3180,
31.0540

 175.8650, 32.3180,
31.0540


255.0000, -0.0000,
-0.0000


 148.8540, 30.8510,
30.1070


 223.2050, 16.5010,
25.8530


 122.1420, 29.9800,
29.3720

 240.3250, 6.8750,
13.0750

 96.5440, 28.7880,
28.9480

 70.9460, 27.5960,
28.5240

 45.2880, 26.6330,
29.4570

 24.1520, 24.0200,
27.2520

 15.8920, 18.5200,

16.7920

■ 0.0000, 0.0000,
0.0000

■ 175.8650, 32.3180,
31.0540

■ 175.8650, 32.3180,
31.0540

■ 161.3380, 41.5320,
40.2840

■ 190.3920, 23.1040,
21.8240

■ 147.2840, 50.7920,
48.6800

■ 204.4460, 13.8440,
13.4280

■ 132.7570, 60.0060,
57.9100

■ 218.9730, 4.6300,
4.1980

■ 118.7030, 69.2660,
66.3060

■ 233.0270, -4.6300,
-4.1980

■ 104.1760, 78.4800,
75.5360

■ 244.6190,
-12.4690, -10.8130

■ 89.5350, 88.0150,
84.4550

■ 245.7590,
-15.6790, -7.7030

■ 82.6220, 92.3240,
88.9640

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



175.5870, 0.8660, 28.3700



175.8650, 32.3180, 31.0540



174.0010, 52.1260, 24.4940

Triad

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



175.8650, 32.3180, 31.0540



167.7000, 26.3670, -20.8090



140.4870, -109.1620, -26.0740

Complementary

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



175.8650, 32.3180, 31.0540



197.1350, -32.3180, -31.0540

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.



146.3740, -84.2190, -32.0830



175.8650, 32.3180, 31.0540



163.1460, -4.4880, -28.8080

Square

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



175.8650, 32.3180, 31.0540



170.5660, 47.7760, -6.8160



156.6440, -41.1210, -31.2090



158.3810, -75.7880, -3.1480

Rectangle

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



175.8650, 32.3180, 31.0540



173.2430, 56.8960, 15.1360



156.6440, -41.1210, -31.2090



138.4280, -110.6740, -31.7140

Sweetspot

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



175.8650, 32.3180, 31.0540



239.0710, 10.4060, 9.6540



165.8730, -5.6910, 31.5650



117.8100, 6.6470, 6.1910



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.



175.8650, 32.3180, 31.0540



187.0610, 43.8700, 41.9660



171.4190, 44.8370, 18.9250



105.0870, 4.3090, 4.5090



64.2520, 72.1540, 69.0340



17.5440, 19.6200, 18.8840

Inverse Universe

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



175.8650, 32.3180, 31.0540



187.0610, 43.8700, 41.9660



201.5810, -44.8370, -18.9250



105.0870, 4.3090, 4.5090



64.2520, 72.1540, 69.0340



17.5440, 19.6200, 18.8840

Previews

White Background



This preview shows how the YIQ color 175.8650, 32.3180, 31.0540 looks on a white background.

Color Contrast Check

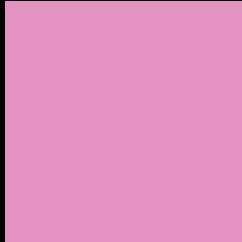
Large Text (above 18pt) WCAG AA × Fail

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 175.8650, 32.3180, 31.0540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

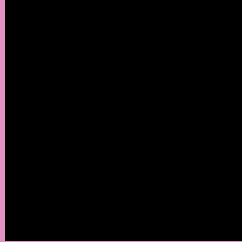
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.8650, 32.3180, 31.0540

Background



This preview shows how black text looks on a background with the YIQ color 175.8650, 32.3180, 31.0540.



This preview shows how white text looks on a background with the YIQ color 175.8650, 32.3180,

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

175.8650, 32.3180, 31.0540

Protanopia

172.2390, -16.3700, 10.3340

Deuteranopia

173.3950, 0.6860, 9.5980



Tritanopia

174.5970, 38.4640, 18.7840

Trichromacy



Original Color

175.8650, 32.3180, 31.0540

Protanomaly

173.8500, 1.1430, 17.8390

Deuteranomaly

174.4830, 12.4220, 17.1740

Tritanomaly

174.9760, 36.0790, 23.4630

Monochromacy



Original Color

175.8650, 32.3180, 31.0540

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.6090, 11.8270, 11.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.8650, 32.3180, 31.0540 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(226, 147, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 147, 193)  
}
```

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(226, 147, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 147, 193) }
```

Border

The CSS property to change the border of an element to YIQ 175.8650, 32.3180, 31.0540 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(226, 147, 193) }
```


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

```
.border{ border-color:rgb(226, 147, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 147, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 147, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 147, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 147,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 175.8650, 32.3180, 31.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 147, 193) }
```

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

```
.background{ background-color: rgb(226,  
147, 193) }
```

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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