

Converting Colors

YIQ(177.2610, 31.2630, 33.6550)

Have a look what the booklet for
YIQ(177.2610, 31.2630, 33.6550)
contains.

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Color

**YIQ(177.2610, 31.2630,
33.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	E493C8
RGB	228, 147, 200
RGB Percent	89%, 58%, 78%
CMY	0.1057, 0.4236, 0.2156
CMYK	0.00, 0.36, 0.12, 0.11
HSL	321°, 60%, 74%
HSV	321°, 36%, 89%
XYZ	52.8694, 41.5314, 59.8864
YIQ	177.2610, 31.2630, 33.6550

Conversions

Conversions Part 2

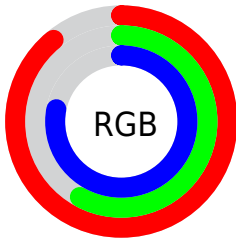
Format	Color
R _Y B	228, 147, 200
Decimal	14980040
CIE Lab	70.55, 38.16, -14.65
CIE LCh	71, 40.874, 339.002
Yxy	41.5314, 0.3427, 0.2692
Android (android.graphics.Color)	4293170120 (0xFFE493C8)
YUV	177.2610, 11.2103, 44.4981
Hunter-Lab	64.4449, 33.6597, -9.9847

Details

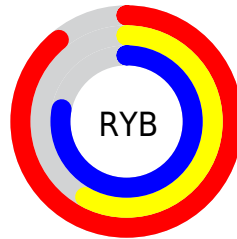
The YIQ color **177.2610, 31.2630, 33.6550** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **197.7390, -31.2630, -33.6550**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8890, 14.5750, 27.7190**, and **123.5380, 28.9250, 31.9730** is the 20% darker color. If you saturate the color by 10%, you get **162.8480, 40.1560, 43.1960**, and if you desaturate by 10%, it is **191.6740, 22.3700, 24.1140**.

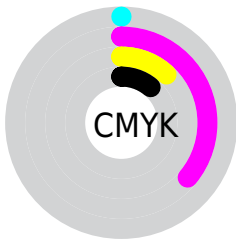
Distribution



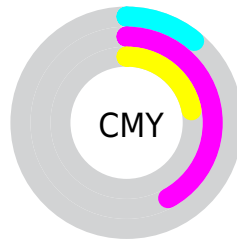
- Red (89%)
- Green (58%)
- Blue (78%)



- Red (89%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (11%)





- Cyan (11%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 177.2610, 31.2630, 33.6550 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 177.2610, 31.2630, 33.6550 by changing the saturation by 10% instead.


 177.2610, 31.2630,
33.6550


 177.2610, 31.2630,
33.6550


255.0000, -0.0000,
-0.0000


 149.6630, 30.0710,
33.2310


 223.8890, 14.5750,
27.7190


 123.5380, 28.9250,
31.9730

 240.9120, 6.6000,
12.5520

 97.2390, 28.3290,
31.7610

 71.6410, 27.1370,
31.3370

 45.9830, 26.1740,
32.2700

 25.3200, 23.6070,
29.2310

 16.7610, 17.5110,

18.5590

■ 0.0000, 0.0000,
0.0000

■ 177.2610, 31.2630,
33.6550

■ 177.2610, 31.2630,
33.6550

■ 162.8480, 40.1560,
43.1960

■ 191.6740, 22.3700,
24.1140

■ 148.4350, 49.0490,
52.7370

■ 206.0870, 13.4770,
14.5730

■ 134.6090, 57.6670,
61.7550

■ 219.9130, 4.8590,
5.5550

■ 120.1960, 66.5600,
71.2960

■ 234.3260, -4.0340,
-3.9860

■ 105.8970, 75.1320,
81.1480

■ 245.1030,
-10.9560, -10.7000

■ 91.4840, 84.0250,
90.6890

■ 246.0150,
-13.5240, -8.2120

■ 85.1580, 88.0590,
94.6750

■ 246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



176.6620, -3.7190, 28.8650



177.2610, 31.2630, 33.6550



175.4790, 53.7760, 27.6320

Triad

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



177.2610, 31.2630, 33.6550



168.9240, 31.5480, -21.0920



136.3820, -122.2280, -31.5720

Complementary

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



177.2610, 31.2630, 33.6550



197.7390, -31.2630, -33.6550

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.



142.5360, -93.6630, -37.1430



177.2610, 31.2630, 33.6550



164.2450, -0.4530, -30.3490

Square

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



177.2610, 31.2630, 33.6550



171.4310, 52.5900, -5.9540



157.3620, -40.3870, -33.4990



154.3190, -90.4130, -7.9250

Rectangle

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



177.2610, 31.2630, 33.6550



174.0910, 60.3800, 18.0760



157.3620, -40.3870, -33.4990



135.7150, -118.9720, -35.5160

Sweetspot

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



177.2610, 31.2630, 33.6550



237.4240, 10.9100, 11.5340



164.3070, -9.9090, 30.9150



117.3370, 6.6010, 7.0250



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.



177.2610, 31.2630, 33.6550



186.0980, 42.4480, 45.7120



172.7010, 44.1030, 21.2150



107.5000, 4.5840, 5.0320



66.8590, 69.1270, 74.3350



19.0110, 19.8030, 21.0750

Inverse Universe

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



177.2610, 31.2630, 33.6550



186.0980, 42.4480, 45.7120



202.2990, -44.1030, -21.2150



107.5000, 4.5840, 5.0320



66.8590, 69.1270, 74.3350



19.0110, 19.8030, 21.0750

Previews

White Background



This preview shows how the YIQ color 177.2610, 31.2630, 33.6550 looks on a white background.

Color Contrast Check

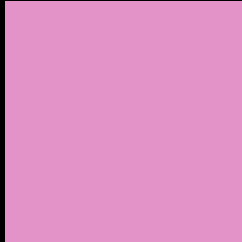
Large Text (above 18pt) WCAG AA × Fail

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 177.2610, 31.2630, 33.6550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

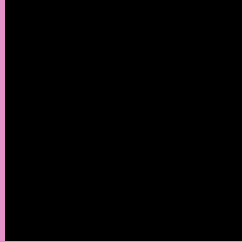
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.2610, 31.2630, 33.6550

Background



This preview shows how black text looks on a background with the YIQ color 177.2610, 31.2630, 33.6550.



This preview shows how white text looks on a background with the YIQ color 177.2610, 31.2630,

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

177.2610, 31.2630, 33.6550

Protanopia

173.4390, -19.8090, 12.0870

Deuteranopia

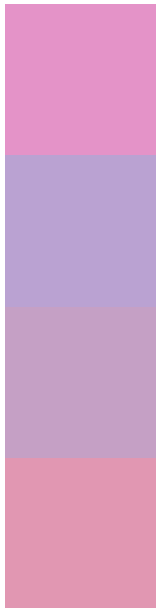
174.4810, -2.4320, 11.0400



Tritanopia

176.1840, 38.1890, 18.2610

Trichromacy



Original Color

177.2610, 31.2630, 33.6550

Protanomaly

174.6480, -1.1040, 20.0160

Deuteranomaly

175.2810, 10.1750, 19.3510

Tritanomaly

176.2040, 35.4370, 24.0850

Monochromacy



Original Color

177.2610, 31.2630, 33.6550

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.1360, 11.7810, 12.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.2610, 31.2630, 33.6550 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(228, 147, 200)` looks like.

```
.text, #text, p{  
    color:rgb(228, 147, 200)  
}
```

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(228, 147, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 147, 200) }
```

Border

The CSS property to change the border of an element to YIQ 177.2610, 31.2630, 33.6550 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(228, 147, 200) }
```


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

```
.border{ border-color:rgb(228, 147, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 147, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 147, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 147, 200);  
box-shadow:4px 4px 4px 4px rgb(228, 147,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 177.2610, 31.2630, 33.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 147, 200) }
```

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

```
.background{ background-color: rgb(228,  
147, 200) }
```

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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