

Converting Colors

YIQ(181.8060, 30.8060, 25.4140)

Have a look what the booklet for
YIQ(181.8060, 30.8060, 25.4140)
contains.

YIQ(181.8060, 30.8060, 25.4140)	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(181.8060, 30.8060,
25.4140)**

Conversions

Conversions Part 1

Format	Color
Hex	E39DBF
RGB	227, 157, 191
RGB Percent	89%, 62%, 75%
CMY	0.1096, 0.3844, 0.2509
CMYK	0.00, 0.31, 0.16, 0.11
HSL	331°, 56%, 75%
HSV	331°, 31%, 89%
XYZ	53.1523, 44.2054, 55.0354
YIQ	181.8060, 30.8060, 25.4140

Conversions

Conversions Part 2

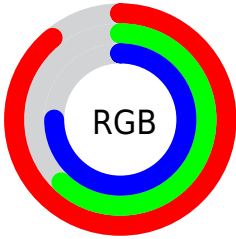
Format	Color
R _Y B	227, 157, 191
Decimal	14917055
CIE Lab	72.37, 31.05, -6.96
CIE LCh	72, 31.822, 347.365
Yxy	44.2054, 0.3488, 0.2901
Android (android.graphics.Color)	4293107135 (0xFFE39DBF)
YUV	181.8060, 4.5326, 39.6351
Hunter-Lab	66.4871, 26.3472, -2.5369

Details

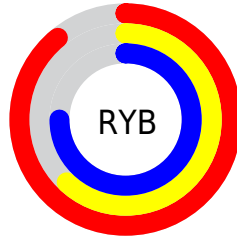
The YIQ color **181.8060, 30.8060, 25.4140** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.1940, -30.8060, -25.4140**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.8470, 14.3930, 20.0010**, and **128.4960, 28.7430, 24.2550** is the 20% darker color. If you saturate the color by 10%, you get **166.9370, 40.9830, 33.7110**, and if you desaturate by 10%, it is **196.6750, 20.6290, 17.1170**.

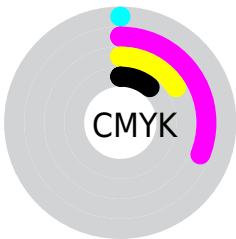
Distribution



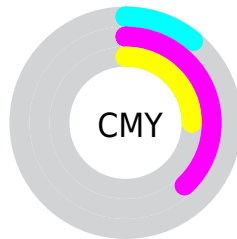
- Red (89%)
- Green (62%)
- Blue (75%)



- Red (89%)
- Yellow (62%)
- Blue (75%)



- Cyan (0%)
- Magenta (31%)
- Yellow (16%)
- Black (11%)





- Cyan (11%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.8060, 30.8060, 25.4140 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 181.8060, 30.8060, 25.4140 by changing the saturation by 10% instead.


 181.8060, 30.8060,
25.4140


 181.8060, 30.8060,
25.4140


255.0000, -0.0000,
-0.0000


 154.2080, 29.6140,
24.9900


 228.8470, 14.3930,
20.0010


 128.4960, 28.7430,
24.2550

 246.7820, 3.8500,
7.3220

 102.4850, 27.2760,
23.3080

 77.8870, 26.0840,
22.8840

 53.2890, 24.8920,
22.4600

 28.0440, 24.2040,
23.9160

 15.6640, 19.1620,

16.1700

■ 0.0000, 0.0000,
0.0000

■ 181.8060, 30.8060,
25.4140

■ 181.8060, 30.8060,
25.4140

■ 166.9370, 40.9830,
33.7110

■ 196.6750, 20.6290,
17.1170

■ 152.7690, 50.5640,
41.7960

■ 210.8430, 11.0480,
9.0320

■ 137.9000, 60.7410,
50.0930

■ 225.7120, 0.8710,
0.7350

■ 123.0310, 70.9180,
58.3900

■ 240.5810, -9.3060,
-7.5620

■ 108.2760, 80.7740,
66.9980

■ 245.9440,
-14.7620, -7.8020

■ 93.9940, 90.6760,
74.7720

■ 246.6280,
-16.6880, -5.9360

■ 80.4130, 99.9820,
82.3340

Harmonies

Analogous

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



181.4040, 5.6350, 24.5390



181.8060, 30.8060, 25.4140



180.4900, 46.0750, 18.5150

Triad

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



181.8060, 30.8060, 25.4140



174.1600, 19.2600, -18.6600



163.0960, -70.9720, -13.3400

Complementary

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



181.8060, 30.8060, 25.4140



202.1940, -30.8060, -25.4140

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.



161.1210, -64.0930, -22.3730



181.8060, 30.8060, 25.4140



170.2260, -7.4690, -24.3410

Square

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



181.8060, 30.8060, 25.4140



176.6620, 38.6980, -7.4940



166.0730, -37.7750, -25.7670



170.8630, -53.5980, 2.1940

Rectangle

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



181.8060, 30.8060, 25.4140



179.4160, 48.9190, 11.0230



166.0730, -37.7750, -25.7670



161.3900, -71.9800, -17.1000

Sweetspot

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



181.8060, 30.8060, 25.4140



240.1310, 10.1770, 8.2970



175.4450, -1.6100, 29.1900



118.2830, 6.6930, 5.3570



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.



181.8060, 30.8060, 25.4140



194.2360, 41.5790, 33.9230



177.9300, 41.7200, 14.8400



107.2720, 5.2260, 4.4100



63.4390, 78.7570, 65.0050



18.0990, 22.3710, 18.5870

Inverse Universe

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



181.8060, 30.8060, 25.4140



194.2360, 41.5790, 33.9230



206.0700, -41.7200, -14.8400



107.2720, 5.2260, 4.4100



63.4390, 78.7570, 65.0050



18.0990, 22.3710, 18.5870

Previews

White Background



This preview shows how the YIQ color 181.8060, 30.8060, 25.4140 looks on a white background.

Color Contrast Check

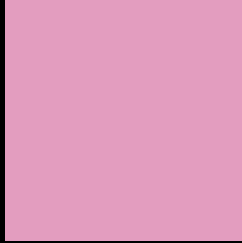
Large Text (above 18pt) WCAG AA × Fail

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 181.8060, 30.8060, 25.4140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

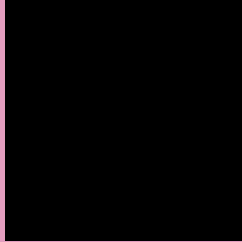
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.8060, 30.8060, 25.4140

Background



This preview shows how black text looks on a background with the YIQ color 181.8060, 30.8060, 25.4140.



This preview shows how white text looks on a background with the YIQ color 181.8060, 30.8060,

25.4140.

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

181.8060, 30.8060, 25.4140

Protanopia

178.1810, -10.4550, 7.7610

Deuteranopia

179.7930, 5.3170, 8.2690



Tritanopia

180.8030, 34.8880, 17.5120

Trichromacy



Original Color

181.8060, 30.8060, 25.4140

Protanomaly

179.5960, 4.6740, 14.4180

Deuteranomaly

180.2720, 14.3940, 14.4740

Tritanomaly

181.3130, 33.5120, 20.4240

Monochromacy



Original Color

181.8060, 30.8060, 25.4140

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.8430, 11.0480, 9.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.8060, 30.8060, 25.4140 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(227, 157, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 157, 191)  
}
```

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(227, 157, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 157, 191) }
```

Border

The CSS property to change the border of an element to YIQ 181.8060, 30.8060, 25.4140 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(227, 157, 191) }
```


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

```
.border{ border-color:rgb(227, 157, 191) }
```

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

Here you see how a box with a 4 pixel rgb(227, 157, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 157, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 157, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 157,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 181.8060, 30.8060, 25.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 157, 191) }
```

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

```
.background{ background-color: rgb(227,  
157, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor