

Converting Colors

YIQ(183.6120, 34.1080, 20.6360)

Have a look what the booklet for
YIQ(183.6120, 34.1080, 20.6360)
contains.

YIQ(183.6120, 34.1080, 20.6360)	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(183.6120, 34.1080,
20.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	E5A1B5
RGB	229, 161, 181
RGB Percent	90%, 63%, 71%
CMY	0.1018, 0.3687, 0.2901
CMYK	0.00, 0.30, 0.21, 0.10
HSL	342°, 57%, 76%
HSV	342°, 30%, 90%
XYZ	53.4108, 45.4825, 49.6965
YIQ	183.6120, 34.1080, 20.6360

Conversions

Conversions Part 2

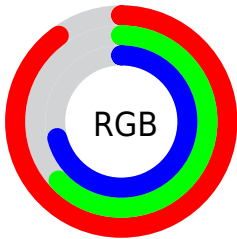
Format	Color
R _Y B	229, 161, 181
Decimal	15049141
CIE Lab	73.21, 28.08, -0.18
CIE LCh	73, 28.085, 359.634
Yxy	45.4825, 0.3595, 0.3061
Android (android.graphics.Color)	4293239221 (0xFFE5A1B5)
YUV	183.6120, -1.2877, 39.8053
Hunter-Lab	67.4407, 23.3447, 3.5183

Details

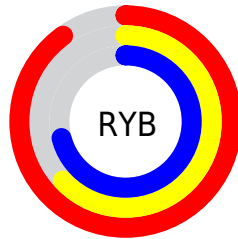
The YIQ color **183.6120, 34.1080, 20.6360** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **206.3880, -34.1080, -20.6360**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **230.0550, 16.5030, 14.7990**, and **130.0030, 31.4490, 19.2650** is the 20% darker color. If you saturate the color by 10%, you get **168.2870, 45.5690, 27.6890**, and if you desaturate by 10%, it is **198.9370, 22.6470, 13.5830**.

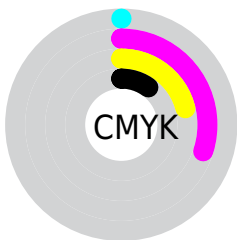
Distribution



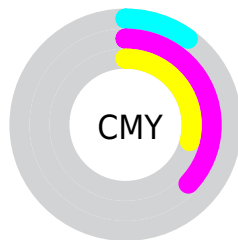
- Red (90%)
- Green (63%)
- Blue (71%)



- Red (90%)
- Yellow (63%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (10%)





- Cyan (10%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.6120, 34.1080, 20.6360 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 183.6120, 34.1080, 20.6360 by changing the saturation by 10% instead.


 183.6120, 34.1080,
20.6360


 183.6120, 34.1080,
20.6360


255.0000, -0.0000,
-0.0000


 156.0140, 32.9160,
20.2120


 230.0550, 16.5030,
14.7990


 130.0030, 31.4490,
19.2650

 249.1300, 2.7500,
5.2300

 104.4050, 30.2570,
18.8410

 79.5080, 28.4690,
18.2050

 55.0240, 26.9560,
18.0920

 31.0670, 25.3970,
18.8130

 14.9370, 22.6470,

13.5830

■ 0.0000, 0.0000,
0.0000

■ 183.6120, 34.1080,
20.6360

■ 183.6120, 34.1080,
20.6360

■ 168.2870, 45.5690,
27.6890

■ 198.9370, 22.6470,
13.5830

■ 152.9620, 57.0300,
34.7420

■ 214.2620, 11.1860,
6.5300

■ 137.6370, 68.4910,
41.7950

■ 229.7010, -0.5960,
-0.2120

■ 122.1980, 80.2730,
48.5370

■ 245.0260,
-12.0570, -7.2650

■ 106.8730, 91.7340,
55.5900

■ 247.2260,
-15.4960, -5.5120

■ 92.1350, 102.9200,
62.1200

■ 76.8100, 114.3810,
69.1730

■ 76.1090, 114.9770,
69.3850

Harmonies

Analogous

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



183.7270, 14.8510, 22.7150



183.6120, 34.1080, 20.6360



182.5340, 42.7750, 12.2390

Triad

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



183.6120, 34.1080, 20.6360



175.7010, 7.4310, -19.0410



170.4510, -55.6140, -5.3260

Complementary

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



183.6120, 34.1080, 20.6360



206.3880, -34.1080, -20.6360

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.



166.7460, -58.3630, -16.0830



183.6120, 34.1080, 20.6360



172.0170, -17.0060, -22.2060

Square

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



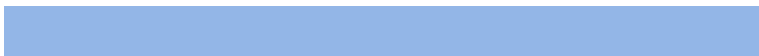
183.6120, 34.1080, 20.6360



178.5790, 28.5660, -11.0980



168.6690, -42.2690, -21.4130



177.1210, -36.5890, 7.8190

Rectangle

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



183.6120, 34.1080, 20.6360



181.4920, 42.5930, 4.5210



168.6690, -42.2690, -21.4130



168.9620, -58.7310, -9.4110

Sweetspot

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



183.6120, 34.1080, 20.6360



239.6750, 11.4610, 7.0530



183.1040, 6.7800, 31.3240



118.0550, 7.3350, 4.7350



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.



183.6120, 34.1080, 20.6360



193.5860, 46.1650, 27.9010



189.5500, 36.6780, 7.0940



107.0440, 5.8680, 3.7880



59.5630, 89.6710, 54.4310



16.9590, 25.5810, 15.4770

Inverse Universe

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



183.6120, 34.1080, 20.6360



193.5860, 46.1650, 27.9010



200.4500, -36.6780, -7.0940



107.0440, 5.8680, 3.7880



59.5630, 89.6710, 54.4310



16.9590, 25.5810, 15.4770

Previews

White Background



This preview shows how the YIQ color 183.6120, 34.1080, 20.6360 looks on a white background.

Color Contrast Check

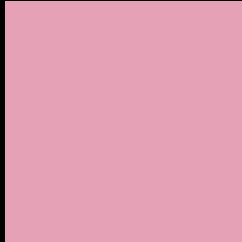
Large Text (above 18pt) WCAG AA × Fail

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 183.6120, 34.1080, 20.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

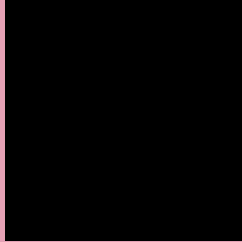
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.6120, 34.1080, 20.6360

Background



This preview shows how black text looks on a background with the YIQ color 183.6120, 34.1080, 20.6360.



This preview shows how white text looks on a background with the YIQ color 183.6120, 34.1080,

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

183.6120, 34.1080, 20.6360

Protanopia

180.7810, -3.5770, 4.2550

Deuteranopia

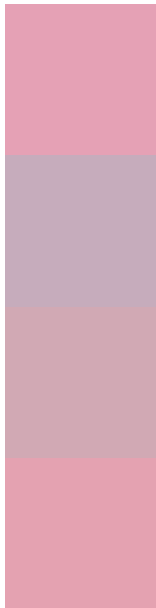
181.7460, 12.6990, 6.6430



Tritanopia

183.1020, 35.4840, 17.7240

Trichromacy



Original Color

183.6120, 34.1080, 20.6360

Protanomaly

181.5980, 10.3600, 10.4880

Deuteranomaly

182.2140, 20.3090, 11.9010

Tritanomaly

183.4440, 34.5210, 18.6570

Monochromacy



Original Color

183.6120, 34.1080, 20.6360

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.9740, 12.0570, 7.2650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.6120, 34.1080, 20.6360 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(229, 161, 181)` looks like.

```
.text, #text, p{  
    color:rgb(229, 161, 181)  
}
```

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(229, 161, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 161, 181) }
```

Border

The CSS property to change the border of an element to YIQ 183.6120, 34.1080, 20.6360 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(229, 161, 181) }
```


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

```
.border{ border-color:rgb(229, 161, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 161, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 161, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 161, 181);  
box-shadow:4px 4px 4px 4px rgb(229, 161,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 183.6120, 34.1080, 20.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 161, 181) }
```

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

```
.background{ background-color: rgb(229,  
161, 181) }
```

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