

Converting Colors

YIQ(215.3660, 34.0200, 0.1960)

Have a look what the booklet for
YIQ(215.3660, 34.0200, 0.1960)
contains.

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Color

**YIQ(215.3660, 34.0200,
0.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CEB2
RGB	248, 206, 178
RGB Percent	97%, 81%, 70%
CMY	0.0274, 0.1922, 0.3018
CMYK	0.00, 0.17, 0.28, 0.03
HSL	24°, 83%, 84%
HSV	24°, 28%, 97%
XYZ	68.8258, 67.3103, 51.5052
YIQ	215.3660, 34.0200, 0.1960

Conversions

Conversions Part 2

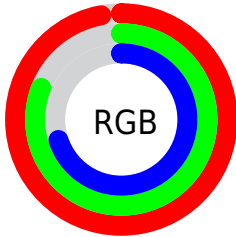
Format	Color
R _Y B	248, 225, 178
Decimal	16305842
CIE Lab	85.66, 10.80, 19.44
CIE LCh	86, 22.243, 60.943
Yxy	67.3103, 0.3668, 0.3587
Android (android.graphics.Color)	4294495922 (0xFFFF8CEB2)
YUV	215.3660, -18.4214, 28.6200
Hunter-Lab	82.0429, 6.1687, 20.2087

Details

The YIQ color $215.3660, 34.0200, 0.1960$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $210.6340, -34.0200, -0.1960$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6060, 6.7410, -6.5310$, and $160.5830, 31.9110, -0.1290$ is the 20% darker color. If you saturate the color by 10%, you get $203.7110, 46.1700, 0.2660$, and if you desaturate by 10%, it is $227.0210, 21.8700, 0.1260$.

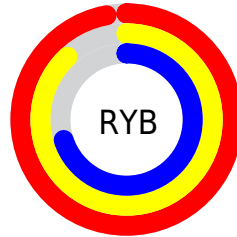
Distribution



Red (97%)

Green (81%)

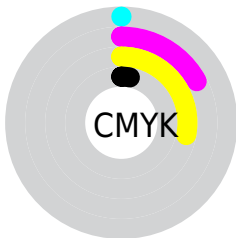
Blue (70%)



Red (97%)

Yellow (88%)

Blue (70%)

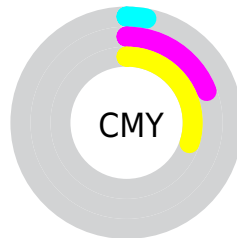


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (3%)



Cyan (3%)


Magenta (19%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.3660, 34.0200, 0.1960 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 215.3660, 34.0200, 0.1960 by changing the saturation by 10% instead.


 215.3660, 34.0200,
0.1960


 215.3660, 34.0200,
0.1960


255.0000, -0.0000,
-0.0000


 187.1810, 33.1030,
0.2950


 252.6060, 6.7410,
-6.5310

 160.5830, 31.9110,
-0.1290

 134.0990, 30.3980,
-0.2420

 108.6150, 28.8850,
-0.3550

 84.1310, 27.3720,
-0.4680

 60.4620, 24.9420,
-0.4820

 38.3370, 23.7960,

-1.7400

■ 17.5200, 19.0270,
2.0910

■ 0.0000, 0.0000,
0.0000

■ 215.3660, 34.0200,
0.1960

■ 215.3660, 34.0200,
0.1960

■ 203.7110, 46.1700,
0.2660

■ 227.0210, 21.8700,
0.1260

■ 192.0560, 58.3200,
0.3360

■ 238.6760, 9.7200,
0.0560

■ 180.5150, 70.1490,
0.7170

■ 250.2170, -2.1090,
-0.3250

■ 168.8600, 82.2990,
0.7870

■ 252.9070, -4.1720,
-1.4840

■ 157.7920, 94.1740,
0.3340

■ 146.1370,
106.3240, 0.4040

■ 134.4820,
118.4740, 0.4740

■ 132.2650,
120.5830, 0.7990

Harmonies

Analogous

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



216.2340, 34.7520, 8.9600



215.3660, 34.0200, 0.1960



213.4090, 23.2930, -9.1470

Triad

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



215.3660, 34.0200, 0.1960



206.0940, -33.1000, -16.8760



216.6640, -7.2010, 14.8710

Complementary

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



215.3660, 34.0200, 0.1960



210.6340, -34.0200, -0.1960

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.



212.9710, -27.4190, 6.8290



215.3660, 34.0200, 0.1960



206.3950, -44.0130, -11.8290

Square

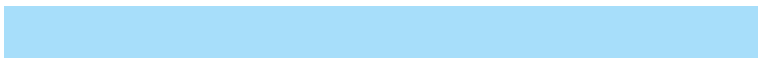
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.3660, 34.0200, 0.1960



208.2070, -14.4850, -18.3330



208.7470, -41.7680, -2.9520



217.7220, 13.2470, 18.7430

Rectangle

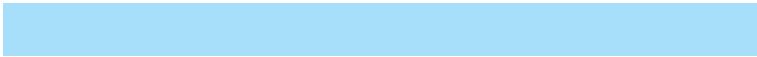
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215.3660, 34.0200, 0.1960



211.6140, 12.2900, -13.4860



208.7470, -41.7680, -2.9520



215.4890, -14.0780, 12.8500

Sweetspot

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



215.3660, 34.0200, 0.1960



245.6760, 9.7200, 0.0560



203.8320, 27.9170, 28.2130



121.8220, 6.3730, 0.1410



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.



215.3660, 34.0200, 0.1960



214.5580, 42.2270, 0.1390



235.3240, 24.6700, -17.5860



118.8220, 6.3730, 0.1410



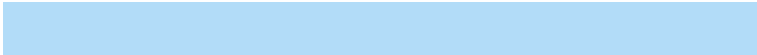
100.5360, 92.0190, 0.8430



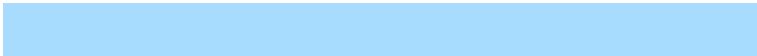
32.3270, 29.7560, 0.3800

Inverse Universe

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



210.6340, -34.0200, -0.1960



208.4420, -42.2270, -0.1390



190.6760, -24.6700, 17.5860



118.1780, -6.3730, -0.1410



87.8770, -91.7440, -0.3200



28.6730, -29.7560, -0.3800

Previews

White Background



This preview shows how the YIQ color 215.3660, 34.0200, 0.1960 looks on a white background.

Color Contrast Check

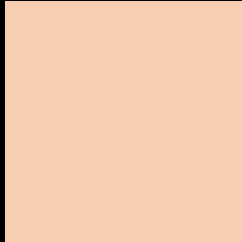
Large Text (above 18pt) WCAG AA × Fail

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 215.3660, 34.0200, 0.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

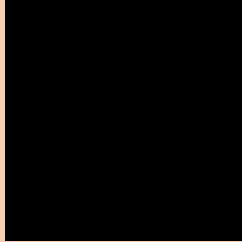
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.3660, 34.0200, 0.1960

Background



This preview shows how black text looks on a background with the YIQ color 215.3660, 34.0200, 0.1960.



This preview shows how white text looks on a background with the YIQ color 215.3660, 34.0200,

0.1960.

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

215.3660, 34.0200, 0.1960

Protanopia

213.9400, 17.4240, -7.4080

Deuteranopia

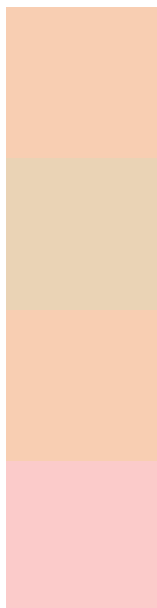
215.3660, 34.0200, 0.1960



Tritanopia

217.9590, 25.5810, 15.4770

Trichromacy



Original Color

215.3660, 34.0200, 0.1960

Protanomaly

214.4570, 23.3380, -4.4540

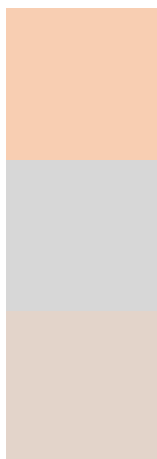
Deuteranomaly

215.3660, 34.0200, 0.1960

Tritanomaly

217.2380, 28.9290, 9.8650

Monochromacy



Original Color

215.3660, 34.0200, 0.1960

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.3450, 12.1500, 0.0700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.3660, 34.0200, 0.1960 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(248, 206, 178)` looks like.

```
.text, #text, p{  
    color:rgb(248, 206, 178)  
}
```

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(248, 206, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 206, 178) }
```

Border

The CSS property to change the border of an element to YIQ 215.3660, 34.0200, 0.1960 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(248, 206, 178) }
```


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

```
.border{ border-color:rgb(248, 206, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 206, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 206, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 206, 178); box-shadow:4px 4px 4px 4px rgb(248, 206, 178) }
```

Background

The CSS property to change the background color of an element to YIQ 215.3660, 34.0200, 0.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 206, 178) }
```

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

```
.background{ background-color: rgb(248,  
206, 178) }
```

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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