

Converting Colors

YIQ(200.8660, 38.6040, 5.2280)

Have a look what the booklet for
YIQ(200.8660, 38.6040, 5.2280)
contains.

YIQ(200.8660, 38.6040, 5.2280)	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(200.8660, 38.6040,
5.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	F1BBA7
RGB	241, 187, 167
RGB Percent	95%, 73%, 65%
CMY	0.0548, 0.2667, 0.3449
CMYK	0.00, 0.22, 0.31, 0.05
HSL	16°, 73%, 80%
HSV	16°, 31%, 95%
XYZ	61.0303, 57.0286, 44.3710
YIQ	200.8660, 38.6040, 5.2280

Conversions

Conversions Part 2

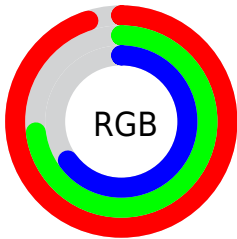
Format	Color
R _Y B	241, 194, 167
Decimal	15842215
CIE Lab	80.20, 16.72, 17.58
CIE LCh	80, 24.261, 46.426
Yxy	57.0286, 0.3757, 0.3511
Android (android.graphics.Color)	4294032295 (0xFFFF1BBA7)
YUV	200.8660, -16.6959, 35.1975
Hunter-Lab	75.5173, 12.1018, 18.0256

Details

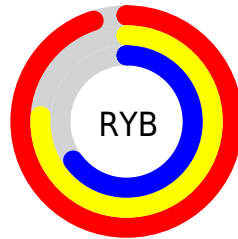
The YIQ color $200.8660, 38.6040, 5.2280$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $207.1340, -38.6040, -5.2280$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.1940, 13.8930, -3.9870$, and $146.7840, 35.8990, 4.6910$ is the 20% darker color. If you saturate the color by 10%, you get $187.5640, 51.2580, 7.1780$, and if you desaturate by 10%, it is $214.1680, 25.9500, 3.2780$.

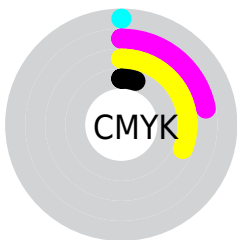
Distribution



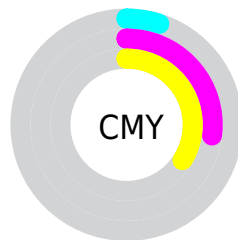
- Red (95%)
- Green (73%)
- Blue (65%)



- Red (95%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.8660, 38.6040, 5.2280 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 200.8660, 38.6040, 5.2280 by changing the saturation by 10% instead.


 200.8660, 38.6040,
5.2280

 200.8660, 38.6040,
5.2280


255.0000, -0.0000,
-0.0000


 173.3820, 37.0910,
5.1150


 244.1940, 13.8930,
-3.9870


 146.7840, 35.8990,
4.6910

 254.5440, 1.2840,
-1.2440

 120.3000, 34.3860,
4.5780

 95.5170, 32.2770,
4.2530

 71.1470, 30.4430,
4.4510

 48.0650, 27.7380,
3.9140

 25.8260, 26.9130,

2.3450

■ 9.3830, 18.1550,
6.8830

■ 0.0000, 0.0000,
0.0000

■ 200.8660, 38.6040,
5.2280

■ 200.8660, 38.6040,
5.2280

■ 187.5640, 51.2580,
7.1780

■ 214.1680, 25.9500,
3.2780

■ 174.8490, 63.6370,
8.6050

■ 226.8830, 13.5710,
1.8510

■ 161.5470, 76.2910,
10.5550

■ 240.1850, 0.9170,
-0.0990

■ 148.8320, 88.6700,
11.9820

■ 250.8140, -8.3440,
-2.9680

■ 135.5300,
101.3240, 13.9320

■ 122.1140,
114.2990, 15.5710

■ 110.2140,
125.7610, 17.0970

Harmonies

Analogous

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



202.2930, 36.2640, 14.6000



200.8660, 38.6040, 5.2280



199.1220, 31.5910, -5.3450

Triad

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



200.8660, 38.6040, 5.2280



191.0360, -27.1850, -19.4490



199.7380, -19.2130, 12.2990

Complementary

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



200.8660, 38.6040, 5.2280



207.1340, -38.6040, -5.2280

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.



194.8770, -39.0180, 2.2780



200.8660, 38.6040, 5.2280



189.4610, -44.3790, -16.2110

Square

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



200.8660, 38.6040, 5.2280



193.4700, -5.0400, -18.8000



190.5780, -48.7820, -7.9980



202.3450, 4.1230, 18.8990

Rectangle

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



200.8660, 38.6040, 5.2280



197.4580, 21.5970, -11.4510



190.5780, -48.7820, -7.9980



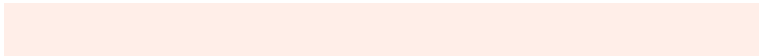
198.1500, -26.3650, 9.7550

Sweetspot

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



200.8660, 38.6040, 5.2280



242.3990, 12.0580, 1.7380



195.2820, 26.7700, 32.4820



119.8330, 7.8400, 1.0880



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.



200.8660, 38.6040, 5.2280



203.7810, 49.1490, 6.8530



222.5850, 28.4290, -14.1230



113.3490, 6.3270, 0.9750



83.7790, 96.1890, 13.3810



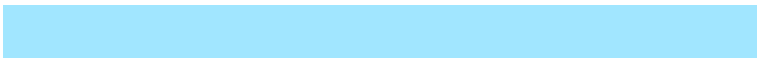
25.5490, 29.2510, 4.0270

Inverse Universe

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



207.1340, -38.6040, -5.2280



212.2190, -49.1490, -6.8530



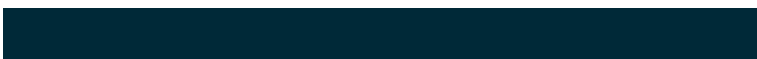
185.4150, -28.4290, 14.1230



114.6510, -6.3270, -0.9750



99.6340, -95.9140, -12.8580



30.4510, -29.2510, -4.0270

Previews

White Background



This preview shows how the YIQ color 200.8660, 38.6040, 5.2280 looks on a white background.

Color Contrast Check

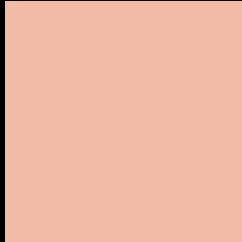
Large Text (above 18pt) WCAG AA × Fail

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 200.8660, 38.6040, 5.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

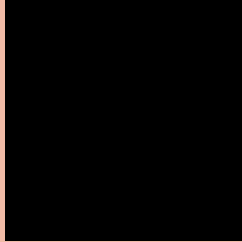
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.8660, 38.6040, 5.2280

Background



This preview shows how black text looks on a background with the YIQ color 200.8660, 38.6040, 5.2280.



This preview shows how white text looks on a background with the YIQ color 200.8660, 38.6040,

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

200.8660, 38.6040, 5.2280

Protanopia

199.0260, 14.3060, -5.9660

Deuteranopia

200.3980, 30.9940, -0.0300



Tritanopia

202.8350, 31.8620, 17.2860

Trichromacy



Original Color

200.8660, 38.6040, 5.2280

Protanomaly

200.0380, 23.2000, -1.9520

Deuteranomaly

200.4200, 33.9280, 1.8640

Tritanomaly

201.8690, 34.5220, 13.1300

Monochromacy



Original Color

200.8660, 38.6040, 5.2280

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.1820, 14.1670, 2.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.8660, 38.6040, 5.2280 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(241, 187, 167)` looks like.

```
.text, #text, p{  
    color:rgb(241, 187, 167)  
}
```

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(241, 187, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 187, 167) }
```

Border

The CSS property to change the border of an element to YIQ 200.8660, 38.6040, 5.2280 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(241, 187, 167) }
```


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

```
.border{ border-color:rgb(241, 187, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 187, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 187, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 187, 167);  
box-shadow:4px 4px 4px 4px rgb(241, 187,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 200.8660, 38.6040, 5.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 187, 167) }
```

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

```
.background{ background-color: rgb(241,  
187, 167) }
```

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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