

Converting Colors

YIQ(204.0660, 35.1650, 6.9810)

Have a look what the booklet for
YIQ(204.0660, 35.1650, 6.9810)
contains.

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Color

**YIQ(204.0660, 35.1650,
6.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BEB1
RGB	242, 190, 177
RGB Percent	95%, 75%, 69%
CMY	0.0509, 0.2550, 0.3057
CMYK	0.00, 0.22, 0.27, 0.05
HSL	12°, 71%, 82%
HSV	12°, 27%, 95%
XYZ	62.9764, 58.8757, 49.6599
YIQ	204.0660, 35.1650, 6.9810

Conversions

Conversions Part 2

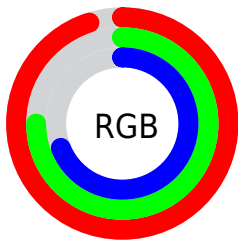
Format	Color
R_{YB}	242, 193, 177
Decimal	15908529
CIE Lab	81.22, 16.83, 13.68
CIE LCh	81, 21.687, 39.098
Yxy	58.8757, 0.3672, 0.3433
Android (android.graphics.Color)	4294098609 (0xFFF2BEB1)
YUV	204.0660, -13.3435, 33.2681
Hunter-Lab	76.7305, 12.2250, 15.3390

Details

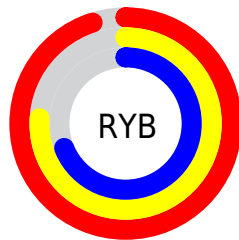
The YIQ color $204.0660, 35.1650, 6.9810$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $214.9340, -35.1650, -6.9810$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.2090, 9.5370, -2.1350$, and $149.2830, 33.0560, 6.6560$ is the 20% darker color. If you saturate the color by 10%, you get $190.1770, 48.0940, 9.4540$, and if you desaturate by 10%, it is $217.9550, 22.2360, 4.5080$.

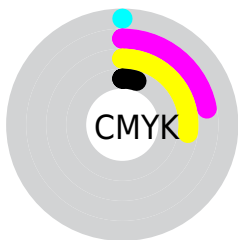
Distribution



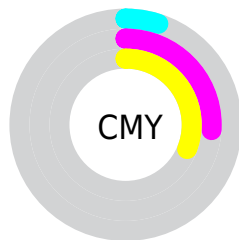
- Red (95%)
- Green (75%)
- Blue (69%)



- Red (95%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (27%)
- Black (5%)




- Cyan (5%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.0660, 35.1650, 6.9810 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 204.0660, 35.1650, 6.9810 by changing the saturation by 10% instead.


 204.0660, 35.1650,
6.9810


 204.0660, 35.1650,
6.9810


255.0000, -0.0000,
-0.0000


 176.4680, 33.9730,
6.5570


 247.2090, 9.5370,
-2.1350

 149.2830, 33.0560,
6.6560

 123.5000, 30.9470,
6.3310

 98.0160, 29.4340,
6.2180

 74.1190, 27.6460,
5.5820

 50.7490, 25.8120,
5.7800

 28.5100, 24.9870,

4.2110

■ 9.8670, 19.6680,
6.9960

■ 0.0000, 0.0000,
0.0000

■ 204.0660, 35.1650,
6.9810

■ 204.0660, 35.1650,
6.9810

■ 190.1770, 48.0940,
9.4540

■ 217.9550, 22.2360,
4.5080

■ 175.7010, 61.2980,
12.4500

■ 232.4310, 9.0320,
1.5120

■ 161.6980, 74.5480,
14.6120

■ 246.4340, -4.2180,
-0.6500

■ 147.2220, 87.7520,
17.6080

■ 251.1130, -7.7480,
-2.7560

■ 133.3330,
100.6810, 20.0810

■ 119.4440,
113.6100, 22.5540

■ 104.9680,
126.8140, 25.5500

■ 100.5340,
131.0320, 26.2000

Harmonies

Analogous

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



204.7700, 30.4870, 14.6710



204.0660, 35.1650, 6.9810



202.5180, 30.5360, -2.7440

Triad

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



204.0660, 35.1650, 6.9810



195.3960, -19.3910, -17.5270



201.3740, -21.1840, 9.4720

Complementary

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



204.0660, 35.1650, 6.9810



214.9340, -35.1650, -6.9810

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.



197.7800, -37.3670, -0.1110



204.0660, 35.1650, 6.9810



194.0660, -35.8970, -15.7450

Square

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



204.0660, 35.1650, 6.9810



197.6880, 0.2780, -16.0580



194.5740, -42.9590, -8.9030



204.7140, -1.4700, 15.6340

Rectangle

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



204.0660, 35.1650, 6.9810



200.9360, 23.2470, -8.3130



194.5740, -42.9590, -8.9030



200.5580, -27.6940, 6.3060

Sweetspot

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



204.0660, 35.1650, 6.9810



243.3280, 10.8200, 2.1480



202.4770, 21.7270, 30.2630



120.0610, 7.1980, 1.7100



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.



204.0660, 35.1650, 6.9810



207.4970, 44.1970, 8.4930



222.2630, 26.6400, -9.2320



112.7620, 6.6020, 1.4980



76.7350, 99.4890, 19.6570



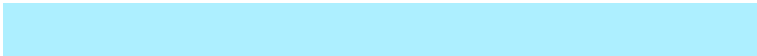
23.2010, 30.3510, 6.1190

Inverse Universe

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



214.9340, -35.1650, -6.9810



221.0900, -44.4720, -9.0160



196.7370, -26.6400, 9.2320



114.6510, -6.3270, -0.9750



107.2650, -99.4890, -19.6570



32.7990, -30.3510, -6.1190

Previews

White Background



This preview shows how the YIQ color 204.0660, 35.1650, 6.9810 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 204.0660, 35.1650, 6.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

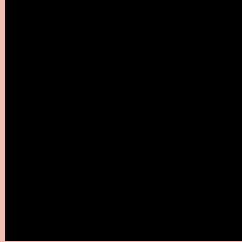
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.0660, 35.1650, 6.9810

Background



This preview shows how black text looks on a background with the YIQ color 204.0660, 35.1650, 6.9810.



This preview shows how white text looks on a background with the YIQ color 204.0660, 35.1650,

6.9810.

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

204.0660, 35.1650, 6.9810

Protanopia

201.6390, 11.1420, -3.6900

Deuteranopia

203.5980, 27.5550, 1.7230



Tritanopia

205.3510, 30.3490, 17.1730

Trichromacy



Original Color

204.0660, 35.1650, 6.9810

Protanomaly

202.6510, 20.0360, 0.3240

Deuteranomaly

203.6200, 30.4890, 3.6170

Tritanomaly

204.6130, 32.3670, 13.6390

Monochromacy



Original Color

204.0660, 35.1650, 6.9810

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.1110, 12.9290, 2.4730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.0660, 35.1650, 6.9810 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(242, 190, 177)` looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 177)  
}
```

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(242, 190, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 177) }
```

Border

The CSS property to change the border of an element to YIQ 204.0660, 35.1650, 6.9810 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(242, 190, 177) }
```


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

```
.border{ border-color:rgb(242, 190, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 190, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 190, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 190, 177);  
box-shadow:4px 4px 4px 4px rgb(242, 190,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 204.0660, 35.1650, 6.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 190, 177) }
```

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

```
.background{ background-color: rgb(242,  
190, 177) }
```

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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