

Converting Colors

YIQ(204.1860, 34.7070, 4.2670)

Have a look what the booklet for
YIQ(204.1860, 34.7070, 4.2670)
contains.

YIQ(204.1860, 34.7070, 4.2670)	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(204.1860, 34.7070,
4.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C0AD
RGB	240, 192, 173
RGB Percent	94%, 75%, 68%
CMY	0.0587, 0.2471, 0.3214
CMYK	0.00, 0.20, 0.28, 0.06
HSL	17°, 69%, 81%
HSV	17°, 28%, 94%
XYZ	62.3358, 59.2389, 47.7037
YIQ	204.1860, 34.7070, 4.2670

Conversions

Conversions Part 2

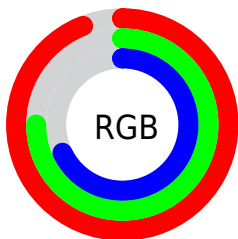
Format	Color
R _Y B	240, 200, 173
Decimal	15777965
CIE Lab	81.42, 14.49, 16.07
CIE LCh	81, 21.636, 47.963
Yxy	59.2389, 0.3682, 0.3499
Android (android.graphics.Color)	4293968045 (0xFFF0C0AD)
YUV	204.1860, -15.3747, 31.4089
Hunter-Lab	76.9668, 9.8763, 17.1291

Details

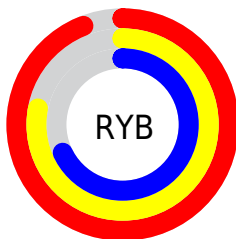
The YIQ color $204.1860, 34.7070, 4.2670$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $208.8140, -34.7070, -4.2670$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.8130, 10.5920, -4.7360$, and $149.5170, 32.2770, 4.2530$ is the 20% darker color. If you saturate the color by 10%, you get $191.4710, 47.0860, 5.6940$, and if you desaturate by 10%, it is $216.9010, 22.3280, 2.8400$.

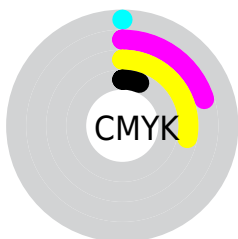
Distribution



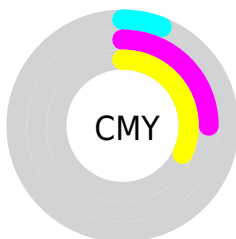
- Red (94%)
- Green (75%)
- Blue (68%)



- Red (94%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.1860, 34.7070, 4.2670 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 204.1860, 34.7070, 4.2670 by changing the saturation by 10% instead.


 204.1860, 34.7070,
4.2670


 204.1860, 34.7070,
4.2670


255.0000, -0.0000,
-0.0000


 176.5880, 33.5150,
3.8430


 247.8130, 10.5920,
-4.7360

 149.5170, 32.2770,
4.2530

 123.6200, 30.4890,
3.6170

 98.4350, 29.5720,
3.7160

 74.2390, 27.1880,
2.8680

 50.8690, 25.3540,
3.0660

 28.5160, 24.8500,

1.1860

■ 9.2690, 18.4760,
6.5720

■ 0.0000, 0.0000,
0.0000

■ 204.1860, 34.7070,
4.2670

■ 204.1860, 34.7070,
4.2670

■ 191.4710, 47.0860,
5.6940

■ 216.9010, 22.3280,
2.8400

■ 178.7560, 59.4650,
7.1210

■ 229.6160, 9.9490,
1.4130

■ 165.4540, 72.1190,
9.0710

■ 242.9180, -2.7050,
-0.5370

■ 152.7390, 84.4980,
10.4980

■ 250.5150, -8.9400,
-3.1800

■ 140.0240, 96.8770,
11.9250

■ 127.3090,
109.2560, 13.3520

■ 114.0070,
121.9100, 15.3020

■ 111.6760,
124.3400, 15.3160

Harmonies

Analogous

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



205.3850, 33.0090, 13.0170



204.1860, 34.7070, 4.2670



202.3820, 27.9230, -4.9490

Triad

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



204.1860, 34.7070, 4.2670



195.1720, -24.5720, -17.2440



203.1790, -16.1410, 11.6910

Complementary

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



204.1860, 34.7070, 4.2670



208.8140, -34.7070, -4.2670

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.



199.5140, -33.5620, 2.5180



204.1860, 34.7070, 4.2670



194.2660, -39.3360, -13.9920

Square

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



204.1860, 34.7070, 4.2670



197.6380, -5.4530, -16.8210



196.0410, -42.7760, -6.7120



205.5900, 4.8110, 17.4430

Rectangle

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



204.1860, 34.7070, 4.2670



201.0170, 18.5250, -10.8430



196.0410, -42.7760, -6.7120



201.7760, -22.3760, 9.0480

Sweetspot

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



204.1860, 34.7070, 4.2670



243.9150, 10.5450, 1.6250



198.6190, 24.2030, 29.4430



120.6480, 6.9230, 1.1870



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.



204.1860, 34.7070, 4.2670



210.2040, 43.4640, 5.2560



222.9700, 25.9070, -12.4690



113.3490, 6.3270, 0.9750



85.5400, 95.3640, 11.8120



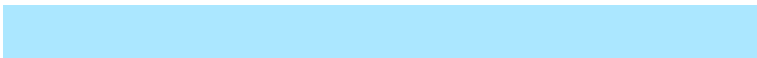
26.1360, 28.9760, 3.5040

Inverse Universe

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



208.8140, -34.7070, -4.2670



215.7960, -43.4640, -5.2560



190.0300, -25.9070, 12.4690



114.0640, -6.0520, -0.4520



98.4600, -95.3640, -11.8120



29.8640, -28.9760, -3.5040

Previews

White Background



This preview shows how the YIQ color 204.1860, 34.7070, 4.2670 looks on a white background.

Color Contrast Check

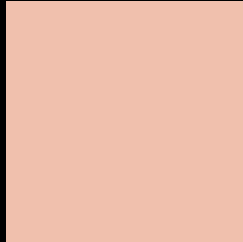
Large Text (above 18pt) WCAG AA × Fail

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 204.1860, 34.7070, 4.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

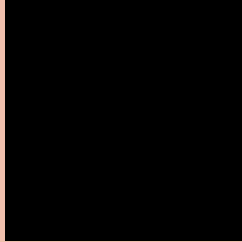
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.1860, 34.7070, 4.2670

Background



This preview shows how black text looks on a background with the YIQ color 204.1860, 34.7070, 4.2670.



This preview shows how white text looks on a background with the YIQ color 204.1860, 34.7070,

4.2670.

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

204.1860, 34.7070, 4.2670

Protanopia

202.2540, 13.6640, -5.3440

Deuteranopia

203.7400, 30.0310, 0.9030



Tritanopia

206.0410, 28.2860, 16.0140

Trichromacy



Original Color

204.1860, 34.7070, 4.2670

Protanomaly

202.6680, 21.3660, -1.7540

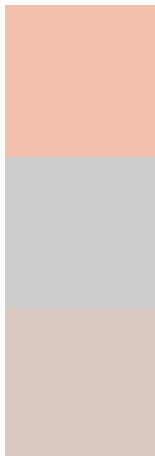
Deuteranomaly

204.0500, 32.0940, 2.0620

Tritanomaly

205.0750, 30.9460, 11.8580

Monochromacy



Original Color

204.1860, 34.7070, 4.2670

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.2850, 12.3790, 1.4270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.1860, 34.7070, 4.2670 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(240, 192, 173)` looks like.

```
.text, #text, p{  
    color:rgb(240, 192, 173)  
}
```

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(240, 192, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 192, 173) }
```

Border

The CSS property to change the border of an element to YIQ 204.1860, 34.7070, 4.2670 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(240, 192, 173) }
```


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

```
.border{ border-color:rgb(240, 192, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 192, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 192, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 192, 173);  
box-shadow:4px 4px 4px 4px rgb(240, 192,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 204.1860, 34.7070, 4.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 192, 173) }
```

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

```
.background{ background-color: rgb(240,  
192, 173) }
```

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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