

Converting Colors

YIQ(205.2570, 35.9450, 3.8570)

Have a look what the booklet for
YIQ(205.2570, 35.9450, 3.8570)
contains.

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Color

**YIQ(205.2570, 35.9450,
3.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C1AC
RGB	242, 193, 172
RGB Percent	95%, 76%, 67%
CMY	0.0509, 0.2432, 0.3253
CMYK	0.00, 0.20, 0.29, 0.05
HSL	18°, 73%, 81%
HSV	18°, 29%, 95%
XYZ	63.1427, 59.9928, 47.3019
YIQ	205.2570, 35.9450, 3.8570

Conversions

Conversions Part 2

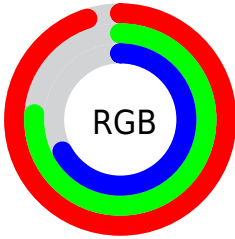
Format	Color
R _Y B	242, 202, 172
Decimal	15909292
CIE Lab	81.83, 14.58, 17.21
CIE LCh	82, 22.553, 49.723
Yxy	59.9928, 0.3705, 0.3520
Android (android.graphics.Color)	4294099372 (0xFFF2C1AC)
YUV	205.2570, -16.3957, 32.2236
Hunter-Lab	77.4550, 9.9700, 18.0100

Details

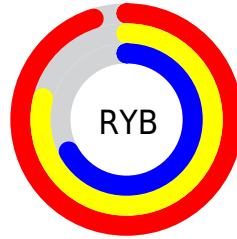
The YIQ color $205.2570, 35.9450, 3.8570$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $208.7430, -35.9450, -3.8570$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.8730, 10.3630, -6.0930$, and $150.5880, 33.5150, 3.8430$ is the 20% darker color. If you saturate the color by 10%, you get $192.5420, 48.3240, 5.2840$, and if you desaturate by 10%, it is $217.9720, 23.5660, 2.4300$.

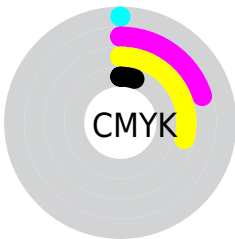
Distribution



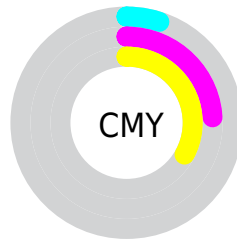
- Red (95%)
- Green (76%)
- Blue (67%)



- Red (95%)
- Yellow (79%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.2570, 35.9450, 3.8570 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 205.2570, 35.9450, 3.8570 by changing the saturation by 10% instead.


 205.2570, 35.9450,
3.8570


 205.2570, 35.9450,
3.8570


255.0000, -0.0000,
-0.0000


 177.6590, 34.7530,
3.4330


 248.8730, 10.3630,
-6.0930

 150.5880, 33.5150,
3.8430

 124.6910, 31.7270,
3.2070

 99.2070, 30.2140,
3.0940

 75.4240, 28.1050,
2.7690

 51.9400, 26.5920,
2.6560

 29.5870, 26.0880,

0.7760

■ 9.5680, 19.0720,
6.7840

■ 0.0000, 0.0000,
0.0000

■ 205.2570, 35.9450,
3.8570

■ 205.2570, 35.9450,
3.8570

■ 192.5420, 48.3240,
5.2840

■ 217.9720, 23.5660,
2.4300

■ 179.8270, 60.7030,
6.7110

■ 230.6870, 11.1870,
1.0030

■ 166.9980, 73.4030,
7.8270

■ 243.5160, -1.5130,
-0.1130

■ 154.2830, 85.7820,
9.2540

■ 251.1130, -7.7480,
-2.7560

■ 141.5680, 98.1610,
10.6810

■ 128.8530,
110.5400, 12.1080

■ 116.1380,
122.9190, 13.5350

■ 114.6220,
124.4320, 13.6480

Harmonies

Analogous

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



206.7550, 34.8430, 12.8190



205.2570, 35.9450, 3.8570



203.7410, 28.2900, -6.0940

Triad

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



205.2570, 35.9450, 3.8570



195.9760, -26.9560, -18.0920



204.8910, -15.2700, 12.4260

Complementary

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



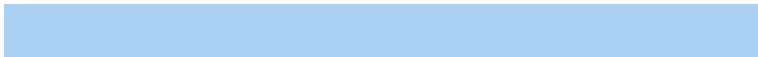
205.2570, 35.9450, 3.8570



208.7430, -35.9450, -3.8570

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.



200.7420, -34.2040, 3.1400



205.2570, 35.9450, 3.8570



195.1840, -42.0410, -14.5290

Square

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



205.2570, 35.9450, 3.8570



198.6270, -6.9200, -17.7680



196.6710, -44.6100, -6.5140



207.1880, 6.0030, 17.8670

Rectangle

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



205.2570, 35.9450, 3.8570



201.9030, 18.8460, -11.1540



196.6710, -44.6100, -6.5140



203.3030, -22.4220, 9.8820

Sweetspot

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



205.2570, 35.9450, 3.8570



242.9860, 11.7830, 1.2150



198.6300, 25.6700, 30.3900



120.4200, 7.5650, 0.5650



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.



205.2570, 35.9450, 3.8570



207.8730, 45.8940, 5.2700



225.2150, 26.5950, -13.9250



113.3490, 6.3270, 0.9750



87.3010, 94.5390, 10.2430



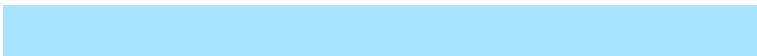
26.7230, 28.7010, 2.9810

Inverse Universe

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



208.7430, -35.9450, -3.8570



212.5400, -45.6190, -4.7470



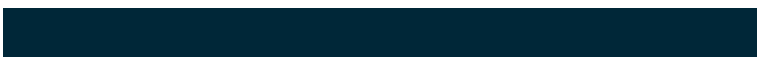
188.7850, -26.5950, 13.9250



114.0640, -6.0520, -0.4520



96.6990, -94.5390, -10.2430



29.2770, -28.7010, -2.9810

Previews

White Background



This preview shows how the YIQ color 205.2570, 35.9450, 3.8570 looks on a white background.

Color Contrast Check

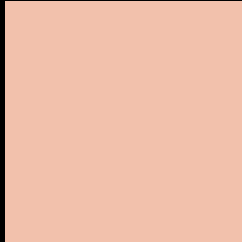
Large Text (above 18pt) WCAG AA × Fail

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 205.2570, 35.9450, 3.8570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

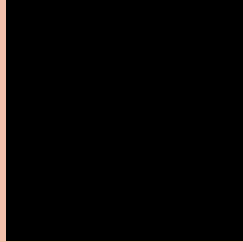
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.2570, 35.9450, 3.8570

Background



This preview shows how black text looks on a background with the YIQ color 205.2570, 35.9450, 3.8570.



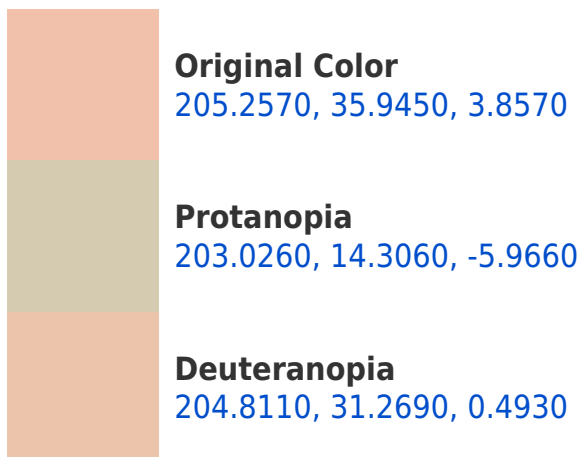
This preview shows how white text looks on a background with the YIQ color 205.2570, 35.9450,

3.8570.

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

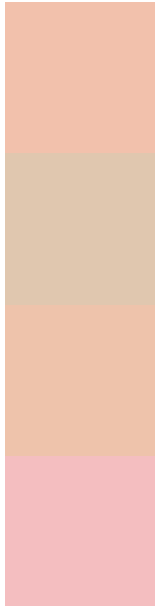




Tritanopia

206.7530, 29.1570, 16.7490

Trichromacy



Original Color

205.2570, 35.9450, 3.8570

Protanomaly

203.7390, 22.6040, -2.1640

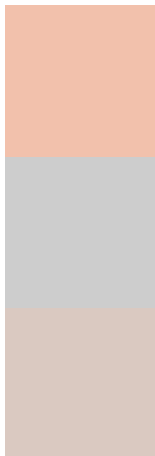
Deuteranomaly

205.1210, 33.3320, 1.6520

Tritanomaly

206.3740, 31.5420, 12.0700

Monochromacy



Original Color

205.2570, 35.9450, 3.8570

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.1710, 12.7000, 1.1160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.2570, 35.9450, 3.8570 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, 193, 172)` looks like.

```
.text, #text, p{  
    color:rgb(242, 193, 172)  
}
```

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, 193, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 193, 172) }
```

Border

The CSS property to change the border of an element to YIQ 205.2570, 35.9450, 3.8570 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, 193, 172) }
```


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

```
.border{ border-color:rgb(242, 193, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 193, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 193, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 193, 172);  
box-shadow:4px 4px 4px 4px rgb(242, 193,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 205.2570, 35.9450, 3.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 193, 172) }
```

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

```
.background{ background-color: rgb(242,  
193, 172) }
```

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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