

Converting Colors

YIQ(197.1300, 38.2810, 16.5930)

Have a look what the booklet for
YIQ(197.1300, 38.2810, 16.5930)
contains.

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Color

**YIQ(197.1300, 38.2810,
16.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B0B7
RGB	244, 176, 183
RGB Percent	96%, 69%, 72%
CMY	0.0430, 0.3099, 0.2822
CMYK	0.00, 0.28, 0.25, 0.04
HSL	354°, 76%, 82%
HSV	354°, 28%, 96%
XYZ	61.3938, 53.7006, 51.9496
YIQ	197.1300, 38.2810, 16.5930

Conversions

Conversions Part 2

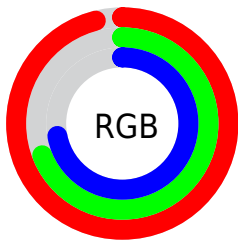
Format	Color
RYB	244, 176, 183
Decimal	16036023
CIELab	78.29, 25.81, 6.28
CIELCh	78, 26.559, 13.685
Yxy	53.7006, 0.3675, 0.3215
Android (android.graphics.Color)	4294226103 (0xFFFF4B0B7)
YUV	197.1300, -6.9661, 41.1050
Hunter-Lab	73.2807, 21.3042, 9.2651

Details

The YIQ color $197.1300, 38.2810, 16.5930$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $222.8700, -38.2810, -16.5930$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.6750, 11.4610, 7.0530$, and $142.9340, 35.8970, 15.7450$ is the 20% darker color. If you saturate the color by 10%, you get $180.5340, 51.9430, 22.3030$, and if you desaturate by 10%, it is $213.7260, 24.6190, 10.8830$.

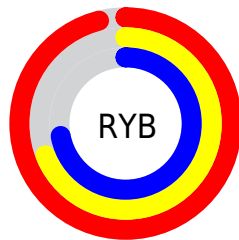
Distribution



Red (96%)

Green (69%)

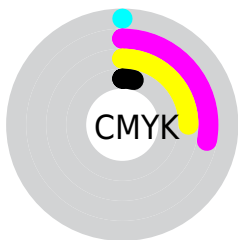
Blue (72%)



Red (96%)

Yellow (69%)

Blue (72%)

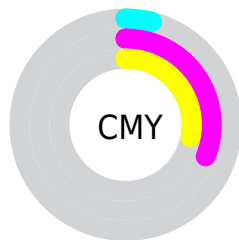


Cyan (0%)

Magenta (28%)

Yellow (25%)

Black (4%)



Cyan (4%)


Magenta (31%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.1300, 38.2810, 16.5930 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 197.1300, 38.2810, 16.5930 by changing the saturation by 10% instead.

 197.1300, 38.2810,
16.5930


 197.1300, 38.2810,
16.5930


255.0000, -0.0000,
-0.0000


 169.5320, 37.0890,
16.1690


 239.6750, 11.4610,
7.0530

 142.9340, 35.8970,
15.7450

 117.0370, 34.1090,
15.1090

 91.5530, 32.5960,
14.9960

 67.3570, 30.2120,
14.1480

 43.6880, 27.7820,
14.1340

 20.6170, 26.5440,

14.5440

■ 9.6820, 18.7510,
7.0950

■ 0.0000, 0.0000,
0.0000

■ 197.1300, 38.2810,
16.5930

■ 197.1300, 38.2810,
16.5930

■ 180.5340, 51.9430,
22.3030

■ 213.7260, 24.6190,
10.8830

■ 163.3510, 65.8800,
28.5360

■ 230.9090, 10.6820,
4.6500

■ 146.7550, 79.5420,
34.2460

■ 247.5050, -2.9800,
-1.0600

■ 129.6860, 93.1580,
40.7900

■ 251.7110, -6.5560,
-2.3320

■ 113.0900,
106.8200, 46.5000

■ 96.4940, 120.4820,
52.2100

■ 79.3110, 134.4190,
58.4430

■ 75.8060, 137.3990,
59.5030

Harmonies

Analogous

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



197.5770, 24.0210, 21.7250



197.1300, 38.2810, 16.5930



195.7740, 41.8590, 6.8110

Triad

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



197.1300, 38.2810, 16.5930



187.9000, -3.4350, -20.3550



188.4140, -45.0240, 0.9920

Complementary

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



197.1300, 38.2810, 16.5930



222.8700, -38.2810, -16.5930

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.



183.2890, -55.3380, -10.3300



197.1300, 38.2810, 16.5930



185.2700, -27.9640, -21.8520

Square

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



197.1300, 38.2810, 16.5930



191.4960, 18.4340, -14.7020



182.7270, -48.1840, -18.8400



193.6990, -23.4770, 12.4830

Rectangle

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



197.1300, 38.2810, 16.5930



194.7640, 38.6510, -1.1330



182.7270, -48.1840, -18.8400



186.5550, -49.9750, -2.8950

Sweetspot

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



197.1300, 38.2810, 16.5930



241.2080, 11.2780, 4.8620



201.6920, 13.9320, 33.8680



119.0010, 7.4270, 3.0670



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.



197.1300, 38.2810, 16.5930



197.1420, 47.1750, 20.6070



211.5940, 33.3780, 0.8180



113.7020, 6.8310, 2.8550



57.7800, 104.7570, 45.3410



18.3250, 33.2380, 14.3740

Inverse Universe

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



197.1300, 38.2810, 16.5930



197.1420, 47.1750, 20.6070



208.4060, -33.3780, -0.8180



113.7020, 6.8310, 2.8550



57.7800, 104.7570, 45.3410



18.3250, 33.2380, 14.3740

Previews

White Background



This preview shows how the YIQ color 197.1300, 38.2810, 16.5930 looks on a white background.

Color Contrast Check

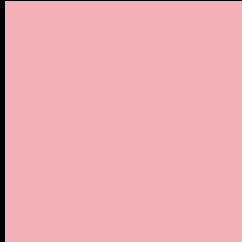
Large Text (above 18pt) WCAG AA × Fail

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 197.1300, 38.2810, 16.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

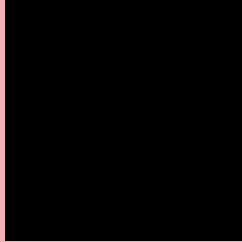
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.1300, 38.2810, 16.5930

Background



This preview shows how black text looks on a background with the YIQ color 197.1300, 38.2810, 16.5930.



This preview shows how white text looks on a background with the YIQ color 197.1300, 38.2810,

16.5930.

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

197.1300, 38.2810, 16.5930

Protanopia

194.4950, 2.9800, 1.0600

Deuteranopia

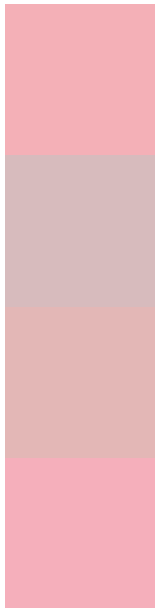
195.5850, 20.4020, 4.7060



Tritanopia

197.5260, 37.2260, 19.1940

Trichromacy



Original Color

197.1300, 38.2810, 16.5930

Protanomaly

195.6000, 16.0460, 6.5580

Deuteranomaly

196.0420, 26.5450, 9.0170

Tritanomaly

197.2980, 37.8680, 18.5720

Monochromacy



Original Color

197.1300, 38.2810, 16.5930

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.8170, 13.9370, 6.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.1300, 38.2810, 16.5930 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(244, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(244, 176, 183)  
}
```

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(244, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 176, 183) }
```

Border

The CSS property to change the border of an element to YIQ 197.1300, 38.2810, 16.5930 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(244, 176, 183) }
```


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

```
.border{ border-color:rgb(244, 176, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(244, 176,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 197.1300, 38.2810, 16.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 176, 183) }
```

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

```
.background{ background-color: rgb(244,  
176, 183) }
```

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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