

Converting Colors

YIQ(178.3750, 57.3050, 35.2650)

Have a look what the booklet for
YIQ(178.3750, 57.3050, 35.2650)
contains.

YIQ(178.3750, 57.3050, 35.2650)	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(178.3750, 57.3050,
35.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CAF
RGB	255, 140, 175
RGB Percent	100%, 55%, 69%
CMY	0.0000, 0.4511, 0.3135
CMYK	0.00, 0.45, 0.31, 0.00
HSL	342°, 100%, 77%
HSV	342°, 45%, 100%
XYZ	58.3539, 43.0992, 45.8271
YIQ	178.3750, 57.3050, 35.2650

Conversions

Conversions Part 2

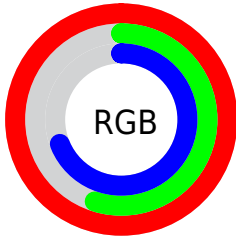
Format	Color
R _Y B	255, 140, 175
Decimal	16747695
CIE Lab	71.62, 47.28, 1.19
CIE LCh	72, 47.292, 1.442
Yxy	43.0992, 0.3962, 0.2926
Android (android.graphics.Color)	4294937775 (0xFFFF8CAF)
YUV	178.3750, -1.6639, 67.2001
Hunter-Lab	65.6500, 43.7747, 4.5675

Details

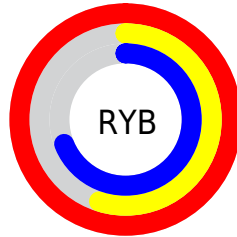
The YIQ color $178.3750, 57.3050, 35.2650$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $216.6250, -57.3050, -35.2650$, and the grayscale version is $178.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $217.5170, 24.2500, 23.0820$, and $123.1080, 53.6830, 34.8270$ is the 20% darker color. If you saturate the color by 10%, you get $161.0610, 70.2330, 43.2650$, and if you desaturate by 10%, it is $195.1020, 44.6520, 27.7880$.

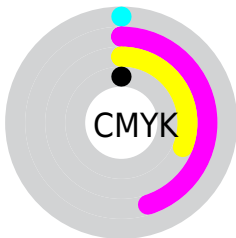
Distribution



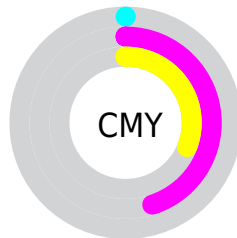
- Red (100%)
- Green (55%)
- Blue (69%)



- Red (100%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.3750, 57.3050, 35.2650 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 178.3750, 57.3050, 35.2650 by changing the saturation by 10% instead.


 178.3750, 57.3050,
35.2650

 178.3750, 57.3050,
35.2650


255.0000, -0.0000,
-0.0000

 150.4780, 55.5170,
34.6290


 217.5170, 24.2500,
23.0820


 123.1080, 53.6830,
34.8270


 236.8030, 8.5250,
16.2130

 96.3250, 51.5740,
34.5020

254.4130, 0.2750,
0.5230

 68.4820, 49.6940,
35.5340

 38.8180, 48.8680,
39.4920

 28.3510, 39.5170,
27.2370

 17.9120, 32.9630,

13.8510

■ 6.9910, 13.3870,
5.1870

■ 0.0000, 0.0000,
0.0000

■ 178.3750, 57.3050,
35.2650

■ 178.3750, 57.3050,
35.2650

■ 161.0610, 70.2330,
43.2650

■ 195.1020, 44.6520,
27.7880

■ 144.4480, 82.5650,
51.0530

■ 212.3020, 32.0450,
19.4770

■ 127.1340, 95.4930,
59.0530

■ 229.0290, 19.3920,
12.0000

■ 110.4070,
108.1460, 66.5300

■ 246.3430, 6.4640,
4.0000

■ 93.0930, 121.0740, 255.0000, -0.0000,
74.5300 -0.0000

■ 85.1370, 126.9420,
78.3180

Harmonies

Analogous

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



180.6830, 27.3190, 39.0550



178.3750, 57.3050, 35.2650



176.5220, 69.4120, 19.5880

Triad

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



178.3750, 57.3050, 35.2650



166.8130, 9.4510, -33.6290



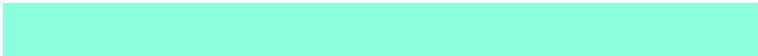
140.6170, -132.7750, -22.1430

Complementary

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



178.3750, 57.3050, 35.2650



216.6250, -57.3050, -35.2650

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.



140.6050, -124.4740, -34.9220



178.3750, 57.3050, 35.2650



159.2390, -35.8470, -38.6870

Square

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



178.3750, 57.3050, 35.2650



171.8560, 43.4230, -21.5450



136.2900, -110.9460, -48.8180



166.1360, -67.3080, 8.3720

Rectangle

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



178.3750, 57.3050, 35.2650



174.8940, 67.7640, 5.3960



136.2900, -110.9460, -48.8180



140.8790, -130.7570, -25.6770

Sweetspot

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



178.3750, 57.3050, 35.2650



231.0180, 17.9250, 11.0530



176.7310, 10.1690, 52.5130



113.2620, 11.1860, 6.5300



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.



178.3750, 57.3050, 35.2650



163.0500, 68.7660, 42.3180



186.7120, 62.7650, 13.3970



119.3430, 6.4640, 4.0000



63.7210, 95.2180, 58.5300



21.3020, 32.0450, 19.4770

Inverse Universe

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



178.3750, 57.3050, 35.2650



163.0500, 68.7660, 42.3180



208.2880, -62.7650, -13.3970



119.3430, 6.4640, 4.0000



63.7210, 95.2180, 58.5300



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 178.3750, 57.3050, 35.2650 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 178.3750, 57.3050, 35.2650 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 178.3750, 57.3050, 35.2650

Background



This preview shows how black text looks on a background with the YIQ color 178.3750, 57.3050, 35.2650.



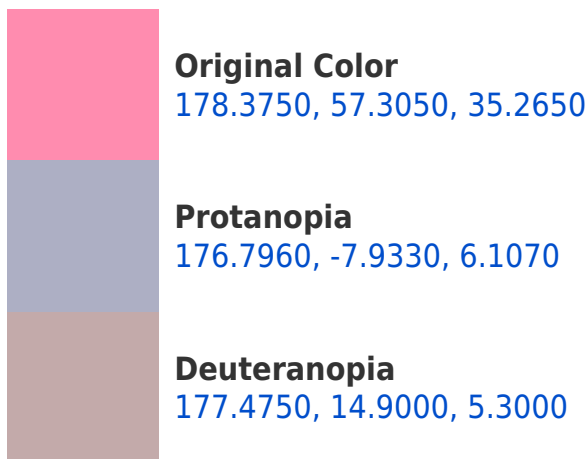
This preview shows how white text looks on a background with the YIQ color 178.3750, 57.3050,

35.2650.

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

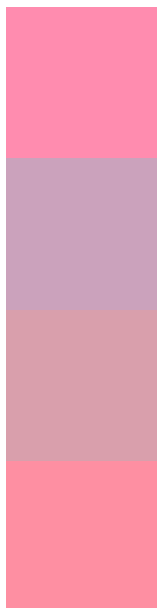




Tritanopia

177.7310, 61.7540, 26.2180

Trichromacy



Original Color

178.3750, 57.3050, 35.2650

Protanomaly

177.2230, 16.0900, 16.7780

Deuteranomaly

177.8240, 30.3950, 16.3390

Tritanomaly

178.3550, 60.0570, 29.4410

Monochromacy



Original Color

178.3750, 57.3050, 35.2650

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.0400, 20.8590, 12.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.3750, 57.3050, 35.2650 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(255, 140, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 175)  
}
```

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(255, 140, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 175) }
```

Border

The CSS property to change the border of an element to YIQ 178.3750, 57.3050, 35.2650 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(255, 140, 175) }
```


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

```
.border{ border-color:rgb(255, 140, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 178.3750, 57.3050, 35.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 175) }
```

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

```
.background{ background-color: rgb(255,  
140, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor