

Converting Colors

YIQ(176.1750, 60.7440, 33.5120)

Have a look what the booklet for
YIQ(176.1750, 60.7440, 33.5120)
contains.

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Color

**YIQ(176.1750, 60.7440,
33.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8AA6
RGB	255, 138, 166
RGB Percent	100%, 54%, 65%
CMY	0.0000, 0.4590, 0.3488
CMYK	0.00, 0.46, 0.35, 0.00
HSL	346°, 100%, 77%
HSV	346°, 46%, 100%
XYZ	57.2095, 42.1781, 41.2292
YIQ	176.1750, 60.7440, 33.5120

Conversions

Conversions Part 2

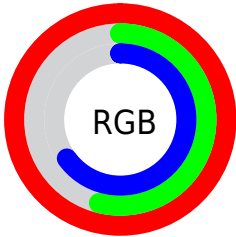
Format	Color
R _Y B	255, 138, 166
Decimal	16747174
CIE Lab	70.99, 47.19, 5.30
CIE LCh	71, 47.487, 6.404
Yxy	42.1781, 0.4068, 0.3000
Android (android.graphics.Color)	4294937254 (0xFFFF8AA6)
YUV	176.1750, -5.0163, 69.1295
Hunter-Lab	64.9447, 43.5868, 7.8218

Details

The YIQ color **176.1750, 60.7440, 33.5120** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **216.8250, -60.7440, -33.5120**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.3170, 27.6890, 21.3290**, and **120.6090, 56.5260, 32.8620** is the 20% darker color. If you saturate the color by 10%, you get **158.7470, 73.9930, 41.2010**, and if you desaturate by 10%, it is **193.0160, 47.7700, 26.3460**.

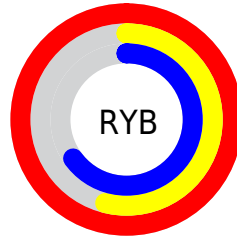
Distribution



Red (100%)

Green (54%)

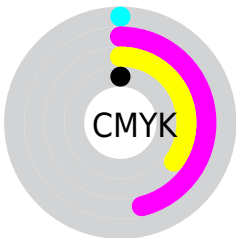
Blue (65%)



Red (100%)

Yellow (54%)

Blue (65%)

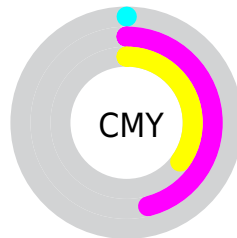


Cyan (0%)

Magenta (46%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (46%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.1750, 60.7440, 33.5120 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 176.1750, 60.7440, 33.5120 by changing the saturation by 10% instead.


 176.1750, 60.7440,
33.5120


 176.1750, 60.7440,
33.5120


255.0000, -0.0000,
-0.0000

 148.3920, 58.6350,
33.1870


 215.3170, 27.6890,
21.3290


 120.6090, 56.5260,
32.8620


 235.0590, 10.6800,
15.7040

 93.9400, 54.0960,
32.8480

 252.6520, 1.1000,
2.0920

 65.9230, 52.7660,
34.9260

 37.7210, 50.5190,
37.1030

 27.2540, 41.1680,
24.8480

 17.2710, 33.3300,

12.7060

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 176.1750, 60.7440,
33.5120

■ 176.1750, 60.7440,
33.5120

■ 158.7470, 73.9930,
41.2010

■ 193.0160, 47.7700,
26.3460

■ 141.7920, 87.2880,
48.0560

■ 210.5580, 34.2000,
18.9680

■ 124.3640,
100.5370, 55.7450

■ 227.3990, 21.2260,
11.8020

■ 107.5230,
113.5110, 62.9110

■ 244.9410, 7.6560,
4.4240

■ 89.9810, 127.0810, 255.0000, -0.0000,
70.2890 -0.0000

■ 83.1990, 132.3990,
73.0310

Harmonies

Analogous

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



178.6190, 33.3710, 39.5070



176.1750, 60.7440, 33.5120



174.4140, 69.5960, 16.2520

Triad

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



176.1750, 60.7440, 33.5120



164.1650, 2.5280, -34.8160



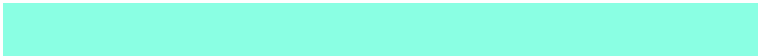
138.4970, -132.3170, -19.4290

Complementary

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



176.1750, 60.7440, 33.5120



216.8250, -60.7440, -33.5120

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.



139.4140, -125.2540, -31.7980



176.1750, 60.7440, 33.5120



155.0360, -45.5210, -39.5770

Square

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



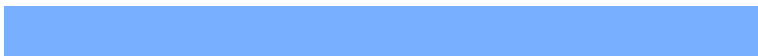
176.1750, 60.7440, 33.5120



168.9370, 38.7010, -24.0750



135.8000, -112.3220, -45.9060



167.6750, -58.4600, 13.2200

Rectangle

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



176.1750, 60.7440, 33.5120



173.3020, 66.4350, 1.9470



135.8000, -112.3220, -45.9060



139.4600, -130.8950, -23.1750

Sweetspot

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



176.1750, 60.7440, 33.5120



230.7900, 18.5670, 10.4310



177.6500, 14.8910, 55.0430



113.1480, 11.5070, 6.2190



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.



176.1750, 60.7440, 33.5120



160.6220, 72.8470, 39.9430



190.0060, 61.7570, 9.6370



119.2290, 6.7850, 3.6890



62.3530, 99.0700, 54.7980



20.8460, 33.3290, 18.2330

Inverse Universe

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



176.1750, 60.7440, 33.5120



160.6220, 72.8470, 39.9430



202.9940, -61.7570, -9.6370



119.2290, 6.7850, 3.6890



62.3530, 99.0700, 54.7980



20.8460, 33.3290, 18.2330

Previews

White Background



This preview shows how the YIQ color 176.1750, 60.7440, 33.5120 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 176.1750, 60.7440, 33.5120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

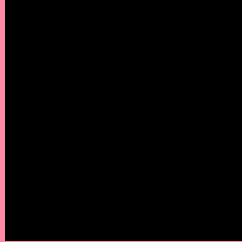
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.1750, 60.7440, 33.5120

Background



This preview shows how black text looks on a background with the YIQ color 176.1750, 60.7440, 33.5120.



This preview shows how white text looks on a background with the YIQ color 176.1750, 60.7440,

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

176.1750, 60.7440, 33.5120

Protanopia

174.7810, -3.5770, 4.2550

Deuteranopia

175.5740, 18.9350, 3.7590



Tritanopia

175.9270, 64.1380, 27.0660

Trichromacy



Original Color

176.1750, 60.7440, 33.5120



Protanomaly

175.0230, 19.5290, 15.0250



Deuteranomaly

175.6240, 33.8340, 14.5860



Tritanomaly

175.9100, 62.8080, 29.1440

Monochromacy



Original Color

176.1750, 60.7440, 33.5120



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

175.9970, 22.4180, 12.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.1750, 60.7440, 33.5120 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, 138, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 166)  
}
```

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, 138, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 166) }
```

Border

The CSS property to change the border of an element to YIQ 176.1750, 60.7440, 33.5120 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, 138, 166) }
```


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

```
.border{ border-color:rgb(255, 138, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 176.1750, 60.7440, 33.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 166) }
```

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

```
.background{ background-color: rgb(255,  
138, 166) }
```

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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