

Converting Colors

YIQ(176.4360, 63.3620, 8.0820)

Have a look what the booklet for
YIQ(176.4360, 63.3620, 8.0820)
contains.

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Color

**YIQ(176.4360, 63.3620,
8.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	F29A78
RGB	242, 154, 120
RGB Percent	95%, 60%, 47%
CMY	0.0508, 0.3962, 0.5291
CMYK	0.00, 0.36, 0.50, 0.05
HSL	17°, 82%, 71%
HSV	17°, 50%, 95%
XYZ	51.5784, 43.3425, 23.4393
YIQ	176.4360, 63.3620, 8.0820

Conversions

Conversions Part 2

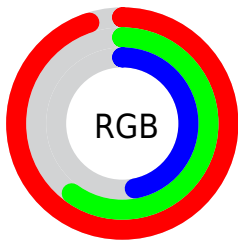
Format	Color
R _Y B	242, 167, 120
Decimal	15899256
CIE Lab	71.79, 29.44, 31.49
CIE LCh	72, 43.109, 46.929
Yxy	43.3425, 0.4358, 0.3662
Android (android.graphics.Color)	4294089336 (0xFFFF29A78)
YUV	176.4360, -27.8229, 57.4996
Hunter-Lab	65.8350, 24.6344, 24.9754

Details

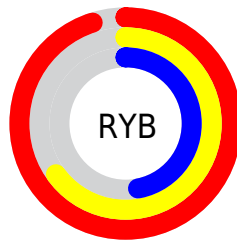
The YIQ color **176.4360, 63.3620, 8.0820** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **185.5640, -63.3620, -8.0820**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6500, 38.9720, -1.4440**, and **122.3860, 57.6310, 7.3190** is the 20% darker color. If you saturate the color by 10%, you get **163.1340, 76.0160, 10.0320**, and if you desaturate by 10%, it is **189.1510, 50.9830, 6.6550**.

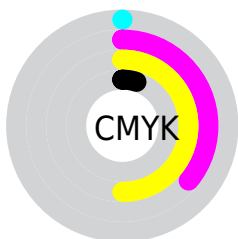
Distribution



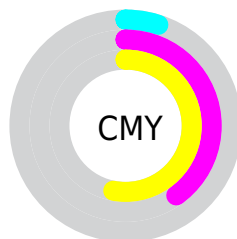
- Red (95%)
- Green (60%)
- Blue (47%)



- Red (95%)
- Yellow (65%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (50%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.4360, 63.3620, 8.0820 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 176.4360, 63.3620, 8.0820 by changing the saturation by 10% instead.

176.4360, 63.3620,
8.0820

176.4360, 63.3620,
8.0820

255.0000, -0.0000,
-0.0000

149.3540, 60.6570,
7.5450

218.6500, 38.9720,
-1.4440

122.6850, 58.2270,
7.5310

238.1640, 22.6050,
-7.6910

96.7170, 55.2010,
7.3050

251.9220, 8.6670,
-8.3970

71.4500, 51.5790,
6.8670

46.1400, 49.5160,
5.7080

23.2780, 40.6200,
12.7480

13.4550, 26.8200,

9.5400

■ 0.0000, 0.0000,
0.0000

■ 176.4360, 63.3620,
8.0820

■ 176.4360, 63.3620,
8.0820

■ 163.1340, 76.0160,
10.0320

■ 189.1510, 50.9830,
6.6550

■ 150.4190, 88.3950,
11.4590

■ 202.4530, 38.3290,
4.7050

■ 137.5900,
101.0950, 12.5750

■ 215.2820, 25.6290,
3.5890

■ 124.2880,
113.7490, 14.5250

■ 228.5840, 12.9750,
1.6390

■ 111.6870,
125.8070, 16.2630

■ 241.2990, 0.5960,
0.2120

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



178.1330, 60.5620, 25.7940



176.4360, 63.3620, 8.0820



174.4860, 50.7570, -11.2830

Triad

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



176.4360, 63.3620, 8.0820



155.9840, -56.9380, -36.4100



175.6240, -36.0870, 20.7530

Complementary

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



176.4360, 63.3620, 8.0820



185.5640, -63.3620, -8.0820

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.



160.9440, -84.6830, -1.6350



176.4360, 63.3620, 8.0820



138.0970, -117.4120, -41.7640

Square

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



176.4360, 63.3620, 8.0820



165.3900, -11.2270, -33.3310



139.7390, -127.5470, -28.7870



180.5710, 6.9630, 33.5150

Rectangle

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



176.4360, 63.3620, 8.0820



172.2510, 34.9410, -22.0110



139.7390, -127.5470, -28.7870



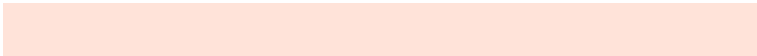
172.0240, -52.1330, 14.1950

Sweetspot

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



176.4360, 63.3620, 8.0820



234.2320, 19.8980, 2.8260



166.7380, 43.8220, 53.8540



115.3990, 12.0580, 1.7380



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.



176.4360, 63.3620, 8.0820



172.9880, 79.3630, 9.9470



211.6560, 46.8620, -23.2980



113.3490, 6.3270, 0.9750



84.9530, 95.6390, 12.3350



26.1360, 28.9760, 3.5040

Inverse Universe

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



185.5640, -63.3620, -8.0820



184.0120, -79.3630, -9.9470



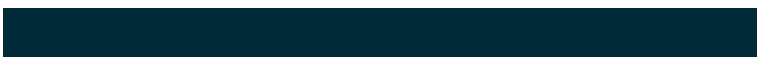
150.9310, -47.1370, 22.7750



114.6510, -6.3270, -0.9750



99.0470, -95.6390, -12.3350



30.4510, -29.2510, -4.0270

Previews

White Background



This preview shows how the YIQ color 176.4360, 63.3620, 8.0820 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 176.4360, 63.3620, 8.0820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

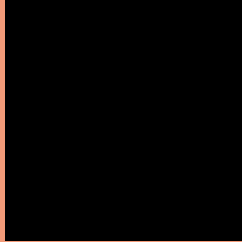
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.4360, 63.3620, 8.0820

Background



This preview shows how black text looks on a background with the YIQ color 176.4360, 63.3620, 8.0820.



This preview shows how white text looks on a background with the YIQ color 176.4360, 63.3620,

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

176.4360, 63.3620, 8.0820

Protanopia

174.5290, 22.8350, -11.8610

Deuteranopia

175.6300, 41.7240, -7.2680



Tritanopia

178.9580, 53.6850, 23.7730

Trichromacy



Original Color

176.4360, 63.3620, 8.0820

Protanomaly

175.1720, 37.3220, -4.5820

Deuteranomaly

176.0980, 49.3340, -2.0100

Tritanomaly

178.1230, 57.3540, 17.8500

Monochromacy



Original Color

176.4360, 63.3620, 8.0820

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.2000, 22.9240, 3.0520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.4360, 63.3620, 8.0820 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, 154, 120)` looks like.

```
.text, #text, p{  
    color:rgb(242, 154, 120)  
}
```

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, 154, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 154, 120) }
```

Border

The CSS property to change the border of an element to YIQ 176.4360, 63.3620, 8.0820 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, 154, 120) }
```


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

```
.border{ border-color:rgb(242, 154, 120) }
```

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

Here you see how a box with a 4 pixel rgb(242, 154, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 154, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 154, 120);  
box-shadow:4px 4px 4px 4px rgb(242, 154,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 176.4360, 63.3620, 8.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 154, 120) }
```

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

```
.background{ background-color: rgb(242,  
154, 120) }
```

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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