

Converting Colors

YIQ(168.3840, 61.1130, 21.3130)

Have a look what the booklet for
YIQ(168.3840, 61.1130, 21.3130)
contains.

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Color

**YIQ(168.3840, 61.1130,
21.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	F08A89
RGB	240, 138, 137
RGB Percent	94%, 54%, 54%
CMY	0.0586, 0.4590, 0.4625
CMYK	0.00, 0.43, 0.43, 0.06
HSL	1°, 78%, 74%
HSV	1°, 43%, 94%
XYZ	49.5583, 38.5087, 28.5112
YIQ	168.3840, 61.1130, 21.3130

Conversions

Conversions Part 2

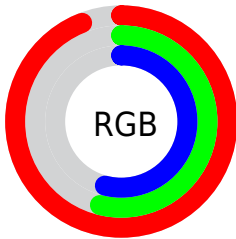
Format	Color
R _Y B	240, 138, 137
Decimal	15764105
CIE Lab	68.39, 38.67, 17.55
CIE LCh	68, 42.467, 24.416
Yxy	38.5087, 0.4251, 0.3303
Android (android.graphics.Color)	4293954185 (0xFFFF08A89)
YUV	168.3840, -15.4723, 62.8072
Hunter-Lab	62.0553, 33.9558, 16.1981

Details

The YIQ color **168.3840, 61.1130, 21.3130** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **208.6160, -61.1130, -21.3130**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.1960, 37.9150, 12.2110**, and **114.5190, 56.2990, 20.4510** is the 20% darker color. If you saturate the color by 10%, you get **151.5600, 75.4170, 26.4010**, and if you desaturate by 10%, it is **185.2080, 46.8090, 16.2250**.

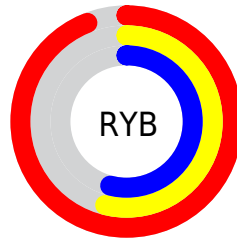
Distribution



Red (94%)

Green (54%)

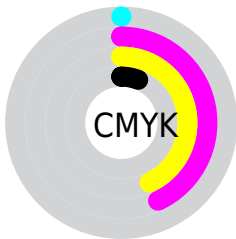
Blue (54%)



Red (94%)

Yellow (54%)

Blue (54%)

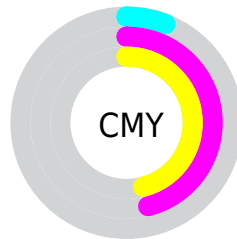


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (6%)



Cyan (6%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.3840, 61.1130, 21.3130 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 168.3840, 61.1130, 21.3130 by changing the saturation by 10% instead.

168.3840, 61.1130,
21.3130

168.3840, 61.1130,
21.3130

255.0000, -0.0000,
-0.0000

141.3020, 58.4080,
20.7760

211.1960, 37.9150,
12.2110

114.5190, 56.2990,
20.4510

230.8240, 21.2270,
6.2750

87.9640, 53.5480,
20.7480

251.1530, 3.9430,
0.1270

62.1100, 50.2010,
20.8330

33.5600, 49.0540,
25.1020

20.6310, 41.1240,
14.6280

13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 168.3840, 61.1130,
21.3130

■ 168.3840, 61.1130,
21.3130

■ 151.5600, 75.4170,
26.4010

■ 185.2080, 46.8090,
16.2250

■ 134.7360, 89.7210,
31.4890

■ 202.0320, 32.5050,
11.1370

■ 118.4990,
103.7500, 36.0540

■ 218.2690, 18.4760,
6.5720

■ 101.6750,
118.0540, 41.1420

■ 235.0930, 4.1720,
1.4840

■ 84.8510, 132.3580,
46.2300

■ 250.5150, -8.9400,
-3.1800

■ 72.9340, 142.4900,
49.8340

Harmonies

Analogous

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



170.1610, 46.1640, 33.4280



168.3840, 61.1130, 21.3130



166.5340, 59.9700, 3.4740

Triad

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



168.3840, 61.1130, 21.3130



154.7140, -20.9470, -33.3870



156.4620, -71.3420, 4.3860

Complementary

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



168.3840, 61.1130, 21.3130



208.6160, -61.1130, -21.3130

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.



132.8260, -123.2380, -24.2780



168.3840, 61.1130, 21.3130



143.0410, -70.2800, -36.9040

Square

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



168.3840, 61.1130, 21.3130



160.5090, 16.4190, -27.7490



131.6400, -114.3870, -36.0110



168.7780, -24.7170, 23.9470

Rectangle

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



168.3840, 61.1130, 21.3130



165.5400, 50.6650, -9.6150



131.6400, -114.3870, -36.0110



148.9110, -89.0840, -4.4760

Sweetspot

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



168.3840, 61.1130, 21.3130



231.8670, 19.6680, 6.9960



179.5390, 28.3250, 53.8690



113.2790, 12.5160, 4.4520



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.



168.3840, 61.1130, 21.3130



164.4570, 77.2050, 27.0370



198.3210, 47.0880, -5.3600



111.5880, 7.1520, 2.5440



56.1900, 109.1140, 37.9620



16.7440, 33.3760, 11.8720

Inverse Universe

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



208.6160, -61.1130, -21.3130



215.5430, -77.2050, -27.0370



179.2660, -47.3630, 4.8370



116.4120, -7.1520, -2.5440



127.8100, -109.1140, -37.9620



39.2560, -33.3760, -11.8720

Previews

White Background



This preview shows how the YIQ color 168.3840, 61.1130, 21.3130 looks on a white background.

Color Contrast Check

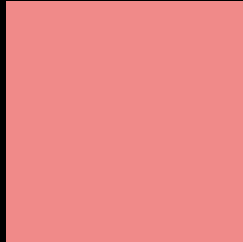
Large Text (above 18pt) WCAG AA × Fail

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 168.3840, 61.1130, 21.3130 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 168.3840, 61.1130, 21.3130

Background



This preview shows how black text looks on a background with the YIQ color 168.3840, 61.1130, 21.3130.



This preview shows how white text looks on a background with the YIQ color 168.3840, 61.1130,

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

168.3840, 61.1130, 21.3130

Protanopia

167.2690, 9.3080, -3.4920

Deuteranopia

167.9740, 29.2520, -1.5000



Tritanopia

168.5350, 59.3700, 25.3700

Trichromacy



Original Color

168.3840, 61.1130, 21.3130

Protanomaly

167.4180, 28.2420, 5.7940

Deuteranomaly

168.1760, 40.6670, 6.3870

Tritanomaly

168.7800, 60.0580, 23.9140

Monochromacy



Original Color

168.3840, 61.1130, 21.3130

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0630, 22.0520, 7.8440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3840, 61.1130, 21.3130 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(240, 138, 137)` looks like.

```
.text, #text, p{  
    color:rgb(240, 138, 137)  
}
```

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(240, 138, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 138, 137) }
```

Border

The CSS property to change the border of an element to YIQ 168.3840, 61.1130, 21.3130 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(240, 138, 137) }
```


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

```
.border{ border-color:rgb(240, 138, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 138, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 138, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 138, 137);  
box-shadow:4px 4px 4px 4px rgb(240, 138,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3840, 61.1130, 21.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 138, 137) }
```

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

```
.background{ background-color: rgb(240,  
138, 137) }
```

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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