

Converting Colors

YIQ(170.9170, 60.9300, 19.1220)

Have a look what the booklet for
YIQ(170.9170, 60.9300, 19.1220)
contains.

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Color

**YIQ(170.9170, 60.9300,
19.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	F18E88
RGB	241, 142, 136
RGB Percent	95%, 56%, 53%
CMY	0.0547, 0.4433, 0.4664
CMYK	0.00, 0.41, 0.44, 0.05
HSL	3°, 79%, 74%
HSV	3°, 44%, 95%
XYZ	50.4110, 39.8242, 28.3459
YIQ	170.9170, 60.9300, 19.1220

Conversions

Conversions Part 2

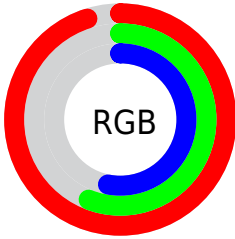
Format	Color
R_{YB}	241, 142, 136
Decimal	15830664
CIE _{Lab}	69.34, 36.87, 19.44
CIE _{LCh}	69, 41.679, 27.803
Y _{xy}	39.8242, 0.4251, 0.3358
Android (android.graphics.Color)	4294020744 (0xFFFF18E88)
YUV	170.9170, -17.2141, 61.4628
Hunter-Lab	63.1064, 32.1543, 17.5428

Details

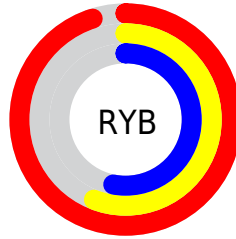
The YIQ color **170.9170, 60.9300, 19.1220** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **206.0830, -60.9300, -19.1220**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.4300, 37.1360, 9.8080**, and **117.0520, 56.1160, 18.2600** is the 20% darker color. If you saturate the color by 10%, you get **154.6800, 74.9590, 23.6870**, and if you desaturate by 10%, it is **187.1540, 46.9010, 14.5570**.

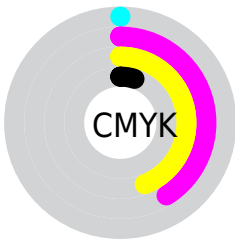
Distribution



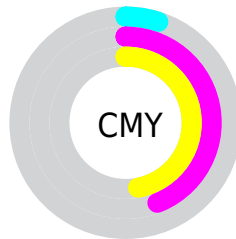
- Red (95%)
- Green (56%)
- Blue (53%)



- Red (95%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (41%)
- Yellow (44%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.9170, 60.9300, 19.1220 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 170.9170, 60.9300, 19.1220 by changing the saturation by 10% instead.

170.9170, 60.9300,
19.1220

170.9170, 60.9300,
19.1220

255.0000, -0.0000,
-0.0000

143.8350, 58.2250,
18.5850

213.4300, 37.1360,
9.8080

117.0520, 56.1160,
18.2600

233.0580, 20.4480,
3.8720

91.0840, 53.0900,
18.0340

253.3870, 3.1640,
-2.2760

65.5290, 50.3390,
18.3310

38.4410, 47.7710,
20.8190

20.9300, 41.7200,
14.8400

13.9820, 26.7740,

10.3740

■ 0.0000, 0.0000,
0.0000

■ 170.9170, 60.9300,
19.1220

■ 170.9170, 60.9300,
19.1220

■ 154.6800, 74.9590,
23.6870

■ 187.1540, 46.9010,
14.5570

■ 138.4430, 88.9880,
28.2520

■ 202.8040, 33.1470,
10.5150

■ 122.7930,
102.7420, 32.2940


■ 219.0410, 19.1180,
5.9500

■ 106.5560,
116.7710, 36.8590

■ 235.2780, 5.0890,
1.3850

■ 90.3190, 130.8000,
41.4240

■ 250.8140, -8.3440,
-2.9680

 80.2770, 139.7860,
43.7700

Harmonies

Analogous

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



172.5910, 47.7690, 31.8730



170.9170, 60.9300, 19.1220



169.1700, 57.9990, 0.6470

Triad

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



170.9170, 60.9300, 19.1220



156.6750, -25.2110, -33.2030



161.3490, -63.5940, 7.1420

Complementary

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



170.9170, 60.9300, 19.1220



206.0830, -60.9300, -19.1220

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.



134.4560, -125.0720, -24.0800



170.9170, 60.9300, 19.1220



145.3010, -73.9480, -36.5080

Square

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



170.9170, 60.9300, 19.1220



162.9430, 12.2010, -28.3990



134.0850, -117.1380, -35.7140



171.9420, -19.3070, 25.0210

Rectangle

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



170.9170, 60.9300, 19.1220



167.8170, 48.3270, -11.2970



134.0850, -117.1380, -35.7140



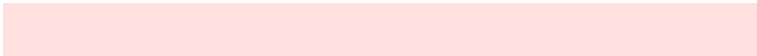
155.8090, -79.8690, -0.7730

Sweetspot

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



170.9170, 60.9300, 19.1220



233.0410, 19.1180, 5.9500



178.7950, 30.4800, 53.3600



113.8660, 12.2410, 3.9290



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.



170.9170, 60.9300, 19.1220



166.4630, 77.0680, 24.0120



201.4410, 46.6300, -8.0740



112.1750, 6.8770, 2.0210



60.8860, 106.9140, 33.7780



18.5050, 32.5510, 10.3030

Inverse Universe

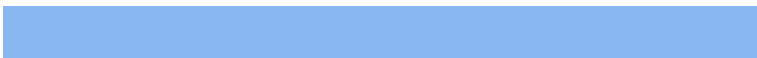
The Inverse Universe completely reimagines the original color for something new.



206.0830, -60.9300, -19.1220



211.1240, -77.3430, -24.5350



175.5590, -46.6300, 8.0740



115.8250, -6.8770, -2.0210



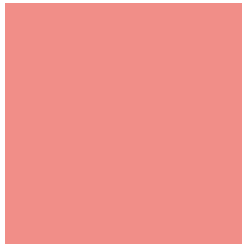
122.5270, -106.6390, -33.2550



37.4950, -32.5510, -10.3030

Previews

White Background



This preview shows how the YIQ color 170.9170, 60.9300, 19.1220 looks on a white background.

Color Contrast Check

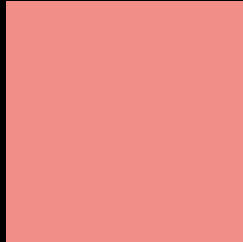
Large Text (above 18pt) WCAG AA × Fail

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 170.9170, 60.9300, 19.1220 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 170.9170, 60.9300, 19.1220

Background



This preview shows how black text looks on a background with the YIQ color 170.9170, 60.9300, 19.1220.

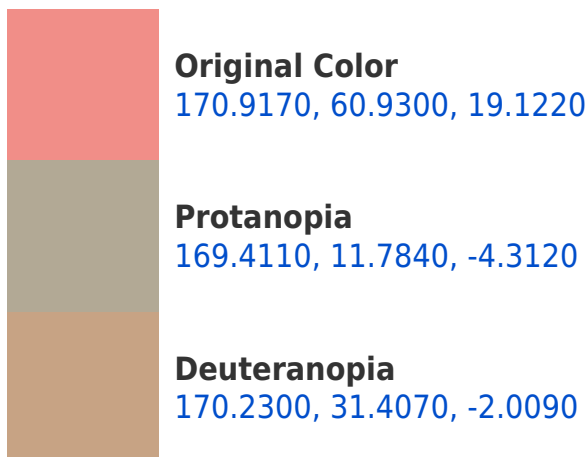


This preview shows how white text looks on a background with the YIQ color 170.9170, 60.9300,

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

171.6380, 57.5820, 24.7340

Trichromacy



Original Color

170.9170, 60.9300, 19.1220

Protanomaly

169.8480, 29.8470, 4.2390

Deuteranomaly

170.1330, 42.2260, 5.6660

Tritanomaly

171.6550, 58.9120, 22.6560

Monochromacy



Original Color

170.9170, 60.9300, 19.1220

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.5360, 22.0980, 7.0100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.9170, 60.9300, 19.1220 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(241, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(241, 142, 136)  
}
```

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(241, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 142, 136) }
```

Border

The CSS property to change the border of an element to YIQ 170.9170, 60.9300, 19.1220 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(241, 142, 136) }
```


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

```
.border{ border-color:rgb(241, 142, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(241, 142,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 170.9170, 60.9300, 19.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 142, 136) }
```

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

```
.background{ background-color: rgb(241,  
142, 136) }
```

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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