

Converting Colors

YIQ(161.3310, 68.6320, 22.7120)

Have a look what the booklet for
YIQ(161.3310, 68.6320, 22.7120)
contains.

| | |
|--|----|
| YIQ(161.3310, 68.6320, 22.7120) | 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(161.3310, 68.6320,
22.7120)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1807C |
| RGB | 241, 128, 124 |
| RGB Percent | 95%, 50%, 49% |
| CMY | 0.0546, 0.4982, 0.5134 |
| CMYK | 0.00, 0.47, 0.49, 0.05 |
| HSL | 2°, 81%, 72% |
| HSV | 2°, 49%, 95% |
| XYZ | 47.6543, 35.5957, 23.4511 |
| YIQ | 161.3310, 68.6320, 22.7120 |

Conversions

Conversions Part 2

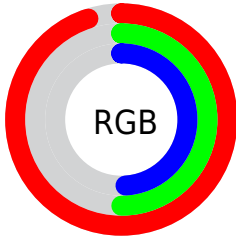
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 241, 128, 124 |
| Decimal | 15827068 |
| CIE Lab | 66.21, 42.86, 21.86 |
| CIE LCh | 66, 48.112, 27.018 |
| Yxy | 35.5957, 0.4466, 0.3336 |
| Android (android.graphics.Color) | 4294017148 (0xFFFF1807C) |
| YUV | 161.3310, -18.4042, 69.8697 |
| Hunter-Lab | 59.6621, 38.1658, 18.4587 |

Details

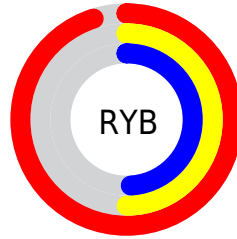
The YIQ color **161.3310, 68.6320, 22.7120** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **203.6690, -68.6320, -22.7120**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.8440, 44.8380, 13.3980**, and **107.2810, 62.9010, 21.9490** is the 20% darker color. If you saturate the color by 10%, you get **145.0940, 82.6610, 27.2770**, and if you desaturate by 10%, it is **177.5680, 54.6030, 18.1470**.

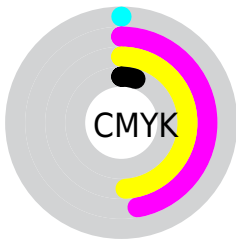
Distribution



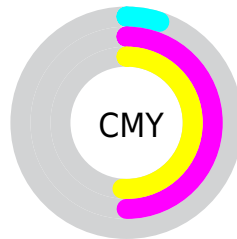
- Red (95%)
- Green (50%)
- Blue (49%)



- Red (95%)
- Yellow (50%)
- Blue (49%)



- Cyan (0%)
- Magenta (47%)
- Yellow (49%)
- Black (5%)



- Cyan (5%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.3310, 68.6320, 22.7120 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 161.3310, 68.6320, 22.7120 by changing the saturation by 10% instead.

161.3310, 68.6320,
22.7120

161.3310, 68.6320,
22.7120

255.0000, -0.0000,
-0.0000

133.6620, 66.2020,
22.6980

203.8440, 44.8380,
13.3980

106.6940, 63.1760,
22.4720

223.3580, 28.4710,
7.1510

80.2530, 60.1040,
23.0800

243.5730, 11.5080,
0.6920

52.6380, 57.5820,
24.7340

29.1320, 53.1350,
22.7270

19.7340, 39.3360,
13.9920

12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 161.3310, 68.6320,
22.7120

■ 161.3310, 68.6320,
22.7120

■ 145.0940, 82.6610,
27.2770

■ 177.5680, 54.6030,
18.1470

■ 128.2700, 96.9650,
32.3650

■ 194.3920, 40.2990,
13.0590

■ 112.0330,
110.9940, 36.9300

■ 210.6290, 26.2700,
8.4940

■ 95.7960, 125.0230,
41.4950

■ 226.8660, 12.2410,
3.9290

■ 78.9720, 139.3270,
46.5830

■ 243.2170, -2.1090,
-0.3250

■ 76.7550, 141.4360,
46.9080

■ 250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



163.5750, 53.8660, 37.0180



161.3310, 68.6320, 22.7120



159.5900, 65.5640, 1.2120

Triad

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



161.3310, 68.6320, 22.7120



145.9470, -29.1530, -38.8570



147.4160, -82.8960, 4.5280

Complementary

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



161.3310, 68.6320, 22.7120



203.6690, -68.6320, -22.7120

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.



130.4610, -123.4680, -20.1080



161.3310, 68.6320, 22.7120



125.0910, -100.0800, -47.5040

Square

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



161.3310, 68.6320, 22.7120



152.9770, 14.8610, -32.5550



129.5200, -113.9290, -33.2970



162.7120, -24.3510, 28.3290

Rectangle

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



161.3310, 68.6320, 22.7120



158.4710, 55.1130, -13.1350



129.5200, -113.9290, -33.2970



128.3070, -125.6700, -13.2380

Sweetspot

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



161.3310, 68.6320, 22.7120



228.9490, 22.3730, 7.5330



172.0930, 32.8170, 60.5690



111.8770, 13.7080, 4.8760



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.



161.3310, 68.6320, 22.7120



154.1870, 86.8330, 28.7610



194.7900, 52.9570, -7.0990



111.5880, 7.1520, 2.5440



58.5380, 108.0140, 35.8700



17.9180, 32.8260, 10.8260

Inverse Universe

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



203.6690, -68.6320, -22.7120



207.8130, -86.8330, -28.7610



170.7970, -53.2320, 6.5760



115.8250, -6.8770, -2.0210



124.8750, -107.7390, -35.3470



38.0820, -32.8260, -10.8260

Previews

White Background



This preview shows how the YIQ color 161.3310, 68.6320, 22.7120 looks on a white background.

Color Contrast Check

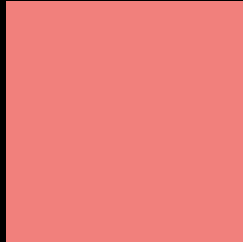
Large Text (above 18pt) WCAG AA × Fail

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 161.3310, 68.6320, 22.7120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

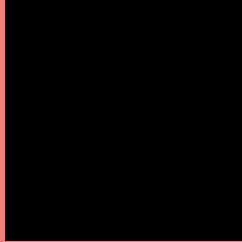
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.3310, 68.6320, 22.7120

Background



This preview shows how black text looks on a background with the YIQ color 161.3310, 68.6320, 22.7120.



This preview shows how white text looks on a background with the YIQ color 161.3310, 68.6320,

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

161.3310, 68.6320, 22.7120

Protanopia

160.9980, 11.5090, -4.8350

Deuteranopia

161.6600, 33.0120, -3.5640



Tritanopia

161.7100, 66.2470, 27.3910

Trichromacy



Original Color

161.3310, 68.6320, 22.7120

Protanomaly

161.0440, 32.2310, 5.0870

Deuteranomaly

161.4000, 45.8480, 6.1040

Tritanomaly

161.8410, 67.2560, 25.6240

Monochromacy



Original Color

161.3310, 68.6320, 22.7120

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

161.1450, 24.7570, 8.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.3310, 68.6320, 22.7120 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, 128, 124)` looks like.

```
.text, #text, p{  
    color:rgb(241, 128, 124)  
}
```

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, 128, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 128, 124) }
```

Border

The CSS property to change the border of an element to YIQ 161.3310, 68.6320, 22.7120 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, 128, 124) }
```


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

```
.border{ border-color:rgb(241, 128, 124) }
```

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

Here you see how a box with a 4 pixel rgb(241, 128, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 128, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 128, 124);  
box-shadow:4px 4px 4px 4px rgb(241, 128,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 161.3310, 68.6320, 22.7120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 128, 124) }
```

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

```
.background{ background-color: rgb(241,  
128, 124) }
```

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