

Converting Colors

YIQ(164.3410, 62.6720, 20.5920)

Have a look what the booklet for
YIQ(164.3410, 62.6720, 20.5920)
contains.

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Color

**YIQ(164.3410, 62.6720,
20.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8682
RGB	237, 134, 130
RGB Percent	93%, 53%, 51%
CMY	0.0703, 0.4747, 0.4899
CMYK	0.00, 0.43, 0.45, 0.07
HSL	2°, 75%, 72%
HSV	2°, 45%, 93%
XYZ	47.4984, 36.6668, 25.7157
YIQ	164.3410, 62.6720, 20.5920

Conversions

Conversions Part 2

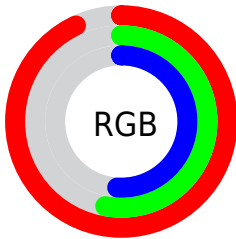
Format	Color
R _Y B	237, 134, 130
Decimal	15566466
CIE Lab	67.03, 38.91, 19.52
CIE LCh	67, 43.532, 26.646
Yxy	36.6668, 0.4323, 0.3337
Android (android.graphics.Color)	4293756546 (0xFFED8682)
YUV	164.3410, -16.9301, 63.7219
Hunter-Lab	60.5531, 34.0489, 17.2080

Details

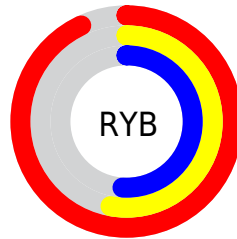
The YIQ color **164.3410, 62.6720, 20.5920** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **202.6590, -62.6720, -20.5920**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.0500, 41.2620, 12.1260**, and **110.5900, 57.5370, 20.0410** is the 20% darker color. If you saturate the color by 10%, you get **148.1040, 76.7010, 25.1570**, and if you desaturate by 10%, it is **180.5780, 48.6430, 16.0270**.

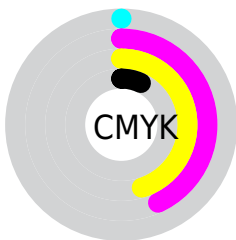
Distribution



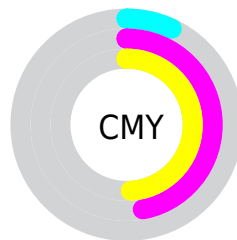
- Red (93%)
- Green (53%)
- Blue (51%)



- Red (93%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (43%)
- Yellow (45%)
- Black (7%)



- Cyan (7%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.3410, 62.6720, 20.5920 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 164.3410, 62.6720, 20.5920 by changing the saturation by 10% instead.

164.3410, 62.6720,
20.5920

164.3410, 62.6720,
20.5920

255.0000, -0.0000,
-0.0000

137.2590, 59.9670,
20.0550

208.0500, 41.2620,
12.1260

110.5900, 57.5370,
20.0410

227.6780, 24.5740,
6.1900

84.6220, 54.5110,
19.8150

247.8930, 7.6110,
-0.2690

58.1810, 51.4390,
20.4230

29.3320, 49.6960,
24.4800

19.4350, 38.7400,
13.7800

11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 164.3410, 62.6720,
20.5920

■ 164.3410, 62.6720,
20.5920

■ 148.1040, 76.7010,
25.1570

■ 180.5780, 48.6430,
16.0270

■ 131.9810, 90.4090,
30.0330

■ 196.7010, 34.9350,
11.1510

■ 115.7440,
104.4380, 34.5980

■ 212.3510, 21.1810,
7.1090

■ 100.0940,
118.1920, 38.6400

■ 228.5880, 7.1520,
2.5440

■ 83.9710, 131.9000,
43.5160

■ 244.8250, -6.8770,
-2.0210

■ 76.1460, 138.7770,
45.5370

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



166.7160, 48.9150, 33.1310



164.3410, 62.6720, 20.5920



162.4800, 60.0620, 1.8060

Triad

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



164.3410, 62.6720, 20.5920



150.0340, -24.8440, -34.3480



152.7010, -70.5170, 5.9550

Complementary

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



164.3410, 62.6720, 20.5920



202.6590, -62.6720, -20.5920

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.



130.4780, -122.1380, -22.1860



164.3410, 62.6720, 20.5920



134.5880, -82.2460, -40.3100

Square

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



164.3410, 62.6720, 20.5920



156.1990, 14.3560, -28.9080



129.8790, -113.5620, -34.4420



165.3870, -22.0580, 25.3180

Rectangle

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



164.3410, 62.6720, 20.5920



161.4860, 50.7570, -11.2830



129.8790, -113.5620, -34.4420



144.9540, -90.6430, -3.7550

Sweetspot

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



164.3410, 62.6720, 20.5920



230.9380, 20.9060, 6.5860



173.7350, 30.7090, 54.7170



113.1650, 12.8370, 4.1410



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.



164.3410, 62.6720, 20.5920



161.1970, 80.8730, 26.6410



195.4520, 48.0970, -7.1270



109.2890, 6.5560, 2.3320



58.2280, 105.9510, 34.7110



17.3200, 31.6340, 10.4020

Inverse Universe

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



202.6590, -62.6720, -20.5920



210.8030, -80.8730, -26.6410



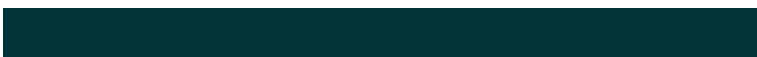
171.5480, -48.0970, 7.1270



113.7110, -6.5560, -2.3320



122.7720, -105.9510, -34.7110



36.6800, -31.6340, -10.4020

Previews

White Background



This preview shows how the YIQ color 164.3410, 62.6720, 20.5920 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 164.3410, 62.6720, 20.5920 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 164.3410, 62.6720, 20.5920

Background



This preview shows how black text looks on a background with the YIQ color 164.3410, 62.6720, 20.5920.



This preview shows how white text looks on a background with the YIQ color 164.3410, 62.6720,

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

164.3410, 62.6720, 20.5920

Protanopia

163.2260, 10.8670, -4.2130

Deuteranopia

163.9310, 30.8110, -2.2210



Tritanopia

164.8340, 59.9660, 25.5820

Trichromacy



Original Color

164.3410, 62.6720, 20.5920

Protanomaly

163.3750, 29.8010, 5.0730

Deuteranomaly

164.1330, 42.2260, 5.6660

Tritanomaly

164.9650, 60.9750, 23.8150

Monochromacy



Original Color

164.3410, 62.6720, 20.5920

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.2480, 22.9690, 7.7450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.3410, 62.6720, 20.5920 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(237, 134, 130)` looks like.

```
.text, #text, p{  
    color:rgb(237, 134, 130)  
}
```

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(237, 134, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 134, 130) }
```

Border

The CSS property to change the border of an element to YIQ 164.3410, 62.6720, 20.5920 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(237, 134, 130) }
```


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

```
.border{ border-color:rgb(237, 134, 130) }
```

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

Here you see how a box with a 4 pixel rgb(237, 134, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 134, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 134, 130);  
box-shadow:4px 4px 4px 4px rgb(237, 134,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 164.3410, 62.6720, 20.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 134, 130) }
```

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

```
.background{ background-color: rgb(237,  
134, 130) }
```

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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