

Converting Colors

YIQ(158.0490, 69.3660, 20.4220)

Have a look what the booklet for
YIQ(158.0490, 69.3660, 20.4220)
contains.

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Color

**YIQ(158.0490, 69.3660,
20.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7E74
RGB	237, 126, 116
RGB Percent	93%, 49%, 45%
CMY	0.0703, 0.5060, 0.5448
CMYK	0.00, 0.47, 0.51, 0.07
HSL	5°, 77%, 69%
HSV	5°, 51%, 93%
XYZ	45.5585, 34.1883, 20.7428
YIQ	158.0490, 69.3660, 20.4220

Conversions

Conversions Part 2

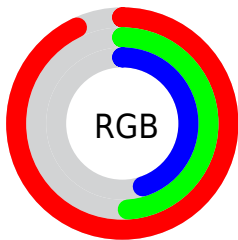
Format	Color
RYB	237, 127, 116
Decimal	15564404
CIELab	65.11, 41.68, 24.77
CIElCh	65, 48.487, 30.718
Yxy	34.1883, 0.4534, 0.3402
Android (android.graphics.Color)	4293754484 (0xFFED7E74)
YUV	158.0490, -20.7302, 69.2400
Hunter-Lab	58.4707, 36.7576, 19.8960

Details

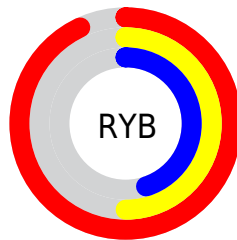
The YIQ color **158.0490, 69.3660, 20.4220** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **194.9510, -69.3660, -20.4220**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6440, 48.2770, 11.6450**, and **104.1130, 63.3140, 19.9700** is the 20% darker color. If you saturate the color by 10%, you get **142.3990, 83.1200, 24.4640**, and if you desaturate by 10%, it is **173.6990, 55.6120, 16.3800**.

Distribution



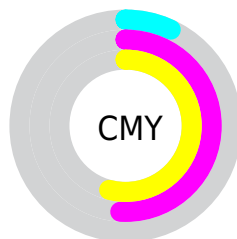
- Red (93%)
- Green (49%)
- Blue (45%)



- Red (93%)
- Yellow (50%)
- Blue (45%)



- Cyan (0%)
- Magenta (47%)
- Yellow (51%)
- Black (7%)



- Cyan (7%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.0490, 69.3660, 20.4220 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 158.0490, 69.3660, 20.4220 by changing the saturation by 10% instead.


 158.0490, 69.3660,
20.4220


 158.0490, 69.3660,
20.4220


255.0000, -0.0000,
-0.0000


 130.9670, 66.6610,
19.8850


 201.0570, 48.5520,
12.1680

 104.1130, 63.3140,
19.9700


 221.1580, 31.9100,
5.3980


 77.5580, 60.5630,
20.2670

 240.7860, 15.2220,
-0.5380

 50.1710, 57.3990,
22.5430

254.6580, 0.9630,
-0.9330

 27.2090, 54.2360,
19.2920

 18.5380, 36.9520,
13.1440

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 158.0490, 69.3660,
20.4220

■ 158.0490, 69.3660,
20.4220

■ 142.3990, 83.1200,
24.4640

■ 173.6990, 55.6120,
16.3800

■ 126.8630, 96.5530,
28.8170

■ 188.6480, 42.4540,
12.5500

■ 111.8000,
110.0320, 32.3360

■ 204.2980, 28.7000,
8.5080

■ 96.1500, 123.7860,
36.3780

■ 219.9480, 14.9460,
4.4660

■ 82.0160, 136.0270,
40.3070

■ 235.5980, 1.1920,
0.4240

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.



160.0160, 56.9380, 36.4100



158.0490, 69.3660, 20.4220



156.5250, 64.1890, -1.4030

Triad

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



158.0490, 69.3660, 20.4220



140.8260, -36.1220, -39.2100



146.9440, -75.5150, 8.4290

Complementary

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



158.0490, 69.3660, 20.4220



194.9510, -69.3660, -20.4220

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.



128.1130, -122.3680, -18.0160



158.0490, 69.3660, 20.4220



123.6720, -100.2180, -45.0020

Square

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



158.0490, 69.3660, 20.4220



148.9980, 10.3680, -33.7280



127.9870, -113.7460, -31.1060



160.7020, -18.3910, 30.4490

Rectangle

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



158.0490, 69.3660, 20.4220



154.9220, 52.2250, -15.8630



127.9870, -113.7460, -31.1060



133.2060, -109.0280, -6.4680

Sweetspot

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



158.0490, 69.3660, 20.4220



230.1230, 21.8230, 6.4870



165.0610, 35.8430, 60.7950



112.4640, 13.4330, 4.3530



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.



158.0490, 69.3660, 20.4220



153.2750, 89.4010, 26.2730



192.6820, 53.1410, -10.4350



109.8760, 6.2810, 1.8090



62.9240, 103.7510, 30.5270



18.4940, 31.0840, 9.3560

Inverse Universe

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



194.9510, -69.3660, -20.4220



200.7250, -89.4010, -26.2730



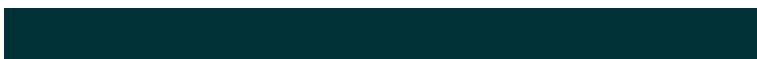
160.9050, -53.4160, 9.9120



113.1240, -6.2810, -1.8090



118.0760, -103.7510, -30.5270



34.9190, -30.8090, -8.8330

Previews

White Background



This preview shows how the YIQ color 158.0490, 69.3660, 20.4220 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 158.0490, 69.3660, 20.4220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

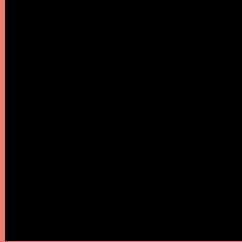
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.0490, 69.3660, 20.4220

Background



This preview shows how black text looks on a background with the YIQ color 158.0490, 69.3660, 20.4220.



This preview shows how white text looks on a background with the YIQ color 158.0490, 69.3660,

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

158.0490, 69.3660, 20.4220

Protanopia

157.9120, 14.6270, -6.2770

Deuteranopia

158.3890, 35.2130, -4.9070



Tritanopia

158.9980, 65.3760, 26.6560

Trichromacy



Original Color

158.0490, 69.3660, 20.4220

Protanomaly

157.7730, 34.4320, 3.7440

Deuteranomaly

158.4170, 47.1780, 4.0260

Tritanomaly

158.9010, 67.0270, 24.2670

Monochromacy



Original Color

158.0490, 69.3660, 20.4220

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.9170, 25.3990, 7.7590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.0490, 69.3660, 20.4220 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, 126, 116)` looks like.

```
.text, #text, p{  
    color:rgb(237, 126, 116)  
}
```

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, 126, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 126, 116) }
```

Border

The CSS property to change the border of an element to YIQ 158.0490, 69.3660, 20.4220 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, 126, 116) }
```


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

```
.border{ border-color:rgb(237, 126, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 126, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 126, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 126, 116);  
box-shadow:4px 4px 4px 4px rgb(237, 126,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 158.0490, 69.3660, 20.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 126, 116) }
```

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

```
.background{ background-color: rgb(237,  
126, 116) }
```

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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