

Converting Colors

YIQ(148.8770, 75.6020, 17.5380)

Have a look what the booklet for
YIQ(148.8770, 75.6020, 17.5380)
contains.

YIQ(148.8770, 75.6020, 17.5380)	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(148.8770, 75.6020,
17.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	E8755F
RGB	232, 117, 95
RGB Percent	91%, 46%, 37%
CMY	0.0899, 0.5413, 0.6271
CMYK	0.00, 0.50, 0.59, 0.09
HSL	10°, 75%, 64%
HSV	10°, 59%, 91%
XYZ	41.7251, 30.7059, 14.5734
YIQ	148.8770, 75.6020, 17.5380

Conversions

Conversions Part 2

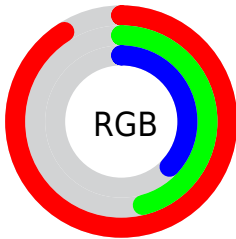
Format	Color
R_{YB}	232, 121, 95
Decimal	15234399
CIE Lab	62.26, 42.68, 32.62
CIE LCh	62, 53.723, 37.391
Yxy	30.7059, 0.4796, 0.3529
Android (android.graphics.Color)	4293424479 (0xFFE8755F)
YUV	148.8770, -26.5614, 72.8989
Hunter-Lab	55.4129, 37.4354, 23.1959

Details

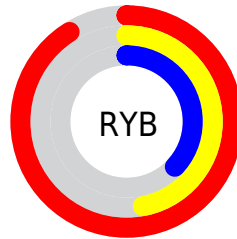
The YIQ color **148.8770, 75.6020, 17.5380** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **178.1230, -75.6020, -17.5380**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **193.2660, 58.0890, 10.0330**, and **94.7560, 68.6330, 17.1850** is the 20% darker color. If you saturate the color by 10%, you get **134.5150, 88.4850, 20.8450**, and if you desaturate by 10%, it is **162.6520, 62.9940, 14.7540**.

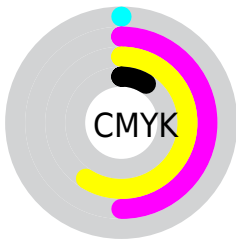
Distribution



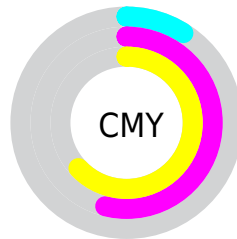
- Red (91%)
- Green (46%)
- Blue (37%)



- Red (91%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (50%)
- Yellow (59%)
- Black (9%)



- Cyan (9%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.8770, 75.6020, 17.5380 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 148.8770, 75.6020, 17.5380 by changing the saturation by 10% instead.


 148.8770, 75.6020,
17.5380


 148.8770, 75.6020,
17.5380


255.0000, -0.0000,
-0.0000


 121.6100, 71.9800,
17.1000


 193.2660, 58.0890,
10.0330

 94.7560, 68.6330,
17.1850


 212.7800, 41.7220,
3.7860


 67.7280, 65.8360,
18.3160

 232.8810, 25.0800,
-2.9840

 36.6510, 64.7350,
21.7510

 251.9220, 8.6670,
-8.3970

 24.8170, 49.4680,
17.5960

 16.8580, 33.0550,
12.1830

 6.2790, 12.5160,

4.4520

■ 0.0000, 0.0000,
0.0000

■ 148.8770, 75.6020,
17.5380

■ 148.8770, 75.6020,
17.5380

■ 134.5150, 88.4850,
20.8450

■ 162.6520, 62.9940,
14.7540

■ 120.7400,
101.0930, 23.6290

■ 177.0140, 50.1110,
11.4470

■ 106.2640,
114.2970, 26.6250

■ 190.9030, 37.1820,
8.9740

■ 92.4890, 126.9050,
29.4090

■ 205.2650, 24.2990,
5.6670

■ 91.0870, 128.0970,
29.8330

■ 219.0400, 11.6910,
2.8830

■ 233.4020, -1.1920,
-0.4240

■ 246.9490,
-13.1580, -3.8300

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



150.6320, 66.8870, 37.8230



148.8770, 75.6020, 17.5380



147.7930, 66.0700, -7.9620

Triad

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



148.8770, 75.6020, 17.5380



122.4140, -64.5010, -48.0290



141.0740, -72.7650, 13.6590

Complementary

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



148.8770, 75.6020, 17.5380



178.1230, -75.6020, -17.5380

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.



123.9870, -121.7730, -12.2770



148.8770, 75.6020, 17.5380



120.4920, -99.5310, -40.9310

Square

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



148.8770, 75.6020, 17.5380



138.7470, 0.6490, -39.3110



124.5620, -113.7470, -25.5790



154.4800, -8.7180, 36.8660

Rectangle

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



148.8770, 75.6020, 17.5380



145.6950, 51.1260, -23.4820



124.5620, -113.7470, -25.5790



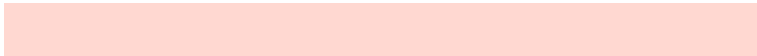
120.2030, -122.1410, -5.6050

Sweetspot

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



148.8770, 75.6020, 17.5380



226.8630, 25.4910, 6.0910



149.3010, 44.0950, 65.4310



110.6060, 15.9090, 3.5330



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.



148.8770, 75.6020, 17.5380



145.1420, 99.9010, 23.2050



188.2060, 57.1770, -17.5030



109.8760, 6.2810, 1.8090



71.1420, 99.9010, 23.2050



21.4290, 29.7090, 6.7410

Inverse Universe

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



178.1230, -75.6020, -17.5380



183.8580, -99.9010, -23.2050



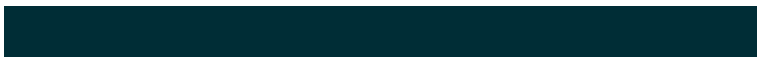
138.7940, -57.1770, 17.5030



112.5370, -6.0060, -1.2860



109.8580, -99.9010, -23.2050



32.5710, -29.7090, -6.7410

Previews

White Background



This preview shows how the YIQ color 148.8770, 75.6020, 17.5380 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 148.8770, 75.6020, 17.5380 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 148.8770, 75.6020, 17.5380

Background



This preview shows how black text looks on a background with the YIQ color 148.8770, 75.6020, 17.5380.



This preview shows how white text looks on a background with the YIQ color 148.8770, 75.6020,

17.5380.

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

148.8770, 75.6020, 17.5380

Protanopia

149.5010, 20.0380, -10.7300

Deuteranopia

149.5050, 40.5780, -8.5260



Tritanopia

150.0910, 69.5480, 28.1400

Trichromacy



Original Color

148.8770, 75.6020, 17.5380

Protanomaly

149.3620, 39.8430, -0.7090

Deuteranomaly

149.2450, 53.4140, 1.1420

Tritanomaly

149.3530, 71.5660, 24.6060

Monochromacy



Original Color

148.8770, 75.6020, 17.5380

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.6460, 27.6000, 6.4160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.8770, 75.6020, 17.5380 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(232, 117, 95)` looks like.

```
.text, #text, p{  
    color:rgb(232, 117, 95)  
}
```

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(232, 117, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 117, 95) }
```

Border

The CSS property to change the border of an element to YIQ 148.8770, 75.6020, 17.5380 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(232, 117, 95) }
```


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

```
.border{ border-color:rgb(232, 117, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 117, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 117, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 117, 95);  
box-shadow:4px 4px 4px 4px rgb(232, 117,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 148.8770, 75.6020, 17.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 117, 95) }
```

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

```
.background{ background-color: rgb(232,  
117, 95) }
```

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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