

Converting Colors

YIQ(159.9950, 69.4580, 18.7540)

Have a look what the booklet for
YIQ(159.9950, 69.4580, 18.7540)
contains.

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Color

**YIQ(159.9950, 69.4580,
18.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	EE8173
RGB	238, 129, 115
RGB Percent	93%, 51%, 45%
CMY	0.0664, 0.4943, 0.5487
CMYK	0.00, 0.46, 0.52, 0.07
HSL	7°, 78%, 69%
HSV	7°, 52%, 93%
XYZ	46.2243, 35.1161, 20.5835
YIQ	159.9950, 69.4580, 18.7540

Conversions

Conversions Part 2

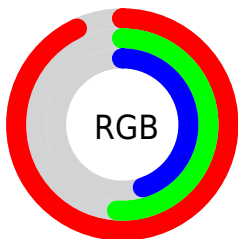
Format	Color
R _Y B	238, 131, 115
Decimal	15630707
CIE Lab	65.84, 40.45, 26.32
CIE LCh	66, 48.254, 33.051
Yxy	35.1161, 0.4535, 0.3445
Android (android.graphics.Color)	4293820787 (0xFFEE8173)
YUV	159.9950, -22.1825, 68.4104
Hunter-Lab	59.2589, 35.5342, 20.8869

Details

The YIQ color **159.9950, 69.4580, 18.7540** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **193.0050, -69.4580, -18.7540**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.2910, 47.7730, 9.7650**, and **106.0590, 63.4060, 18.3020** is the 20% darker color. If you saturate the color by 10%, you get **144.9320, 82.9370, 22.2730**, and if you desaturate by 10%, it is **175.0580, 55.9790, 15.2350**.

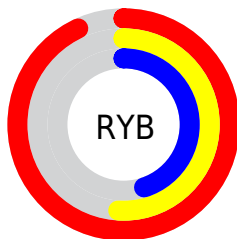
Distribution



Red (93%)

Green (51%)

Blue (45%)



Red (93%)

Yellow (51%)

Blue (45%)

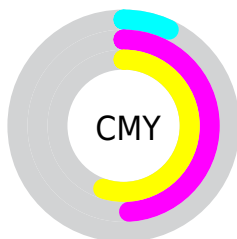


Cyan (0%)

Magenta (46%)

Yellow (52%)

Black (7%)



Cyan (7%)

Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.9950, 69.4580, 18.7540 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 159.9950, 69.4580, 18.7540 by changing the saturation by 10% instead.

159.9950, 69.4580,
18.7540

159.9950, 69.4580,
18.7540

255.0000, -0.0000,
-0.0000

132.9130, 66.7530,
18.2170

202.7040, 48.0480,
10.2880

106.0590, 63.4060,
18.3020

222.8050, 31.4060,
3.5180

79.5040, 60.6550,
18.5990

242.4330, 14.7180,
-2.4180

52.5900, 57.5370,
20.0410

254.5440, 1.2840,
-1.2440

27.5080, 54.8320,
19.5040

18.8370, 37.5480,
13.3560

10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 159.9950, 69.4580,
18.7540

■ 159.9950, 69.4580,
18.7540

■ 144.9320, 82.9370,
22.2730

■ 175.0580, 55.9790,
15.2350

■ 129.8690, 96.4160,
25.7920

■ 190.1210, 42.5000,
11.7160

■ 114.9200,
109.5740, 29.6220

■ 205.0700, 29.3420,
7.8860

■ 99.2700, 123.3280,
33.6640

■ 220.1330, 15.8630,
4.3670

■ 87.0110, 134.4230,
36.3350

■ 235.7830, 2.1090,
0.3250

249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



161.8590, 58.8180, 35.3780



159.9950, 69.4580, 18.7540



158.2860, 63.3640, -2.9720

Triad

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



159.9950, 69.4580, 18.7540



142.2600, -40.3400, -39.8600



150.9340, -69.5550, 10.5490

Complementary

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



159.9950, 69.4580, 18.7540



193.0050, -69.4580, -18.7540

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.



129.6290, -123.8810, -18.1290



159.9950, 69.4580, 18.7540



125.4160, -102.3730, -44.4930

Square

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



159.9950, 69.4580, 18.7540



150.7310, 6.7460, -34.1660



129.7310, -115.9010, -30.5970



163.3820, -14.4940, 31.4100

Rectangle

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



159.9950, 69.4580, 18.7540



156.6120, 50.1620, -17.0220



129.7310, -115.9010, -30.5970



141.1970, -95.6410, -1.2810

Sweetspot

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



159.9950, 69.4580, 18.7540



230.7100, 21.5480, 5.9640



164.4310, 37.6770, 60.5970



113.0510, 13.1580, 3.8300



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.



159.9950, 69.4580, 18.7540



154.8080, 89.2180, 24.0820



195.2150, 52.9580, -12.6260



112.1750, 6.8770, 2.0210



67.3430, 103.8890, 28.0250



20.2660, 31.7260, 8.7340

Inverse Universe

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



193.0050, -69.4580, -18.7540



197.1920, -89.2180, -24.0820



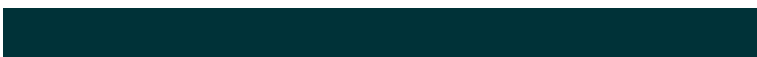
157.7850, -52.9580, 12.6260



115.2380, -6.6020, -1.4980



116.6570, -103.8890, -28.0250



35.7340, -31.7260, -8.7340

Previews

White Background



This preview shows how the YIQ color 159.9950, 69.4580, 18.7540 looks on a white background.

Color Contrast Check

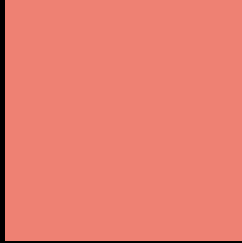
Large Text (above 18pt) WCAG AA × Fail

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 159.9950, 69.4580, 18.7540 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 159.9950, 69.4580, 18.7540

Background



This preview shows how black text looks on a background with the YIQ color 159.9950, 69.4580, 18.7540.



This preview shows how white text looks on a background with the YIQ color 159.9950, 69.4580,

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

159.9950, 69.4580, 18.7540

Protanopia

159.4560, 15.9110, -7.5210

Deuteranopia

160.1610, 35.8550, -5.5290



Tritanopia

160.8130, 64.4590, 26.7550

Trichromacy



Original Color

159.9950, 69.4580, 18.7540

Protanomaly

159.9040, 35.4410, 1.9770

Deuteranomaly

160.0750, 48.1410, 3.0930

Tritanomaly

160.6020, 66.4310, 24.0550

Monochromacy



Original Color

159.9950, 69.4580, 18.7540

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.0910, 24.8490, 6.7130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.9950, 69.4580, 18.7540 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(238, 129, 115)` looks like.

```
.text, #text, p{  
    color:rgb(238, 129, 115)  
}
```

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(238, 129, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 129, 115) }
```

Border

The CSS property to change the border of an element to YIQ 159.9950, 69.4580, 18.7540 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(238, 129, 115) }
```


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

```
.border{ border-color:rgb(238, 129, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 129, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 129, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 129, 115);  
box-shadow:4px 4px 4px 4px rgb(238, 129,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 159.9950, 69.4580, 18.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 129, 115) }
```

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

```
.background{ background-color: rgb(238,  
129, 115) }
```

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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