

Converting Colors

YIQ(117.8040, 14.8110, -9.6130)

Have a look what the booklet for
YIQ(117.8040, 14.8110, -9.6130)
contains.

YIQ(117.8040, 14.8110, -9.6130)	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(117.8040, 14.8110,
-9.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7855
RGB	126, 120, 85
RGB Percent	49%, 47%, 33%
CMY	0.5059, 0.5294, 0.6666
CMYK	0.00, 0.05, 0.33, 0.51
HSL	51°, 19%, 41%
HSV	51°, 33%, 49%
XYZ	16.9606, 18.5240, 11.2805
YIQ	117.8040, 14.8110, -9.6130

Conversions

Conversions Part 2

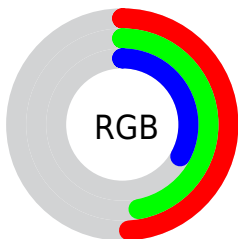
Format	Color
RYB	92, 126, 85
Decimal	8288341
CIELab	50.13, -3.53, 20.08
CIELCh	50, 20.384, 99.969
Yxy	18.5240, 0.3627, 0.3961
Android (android.graphics.Color)	4286478421 (0xFF7E7855)
YUV	117.8040, -16.1724, 7.1879
Hunter-Lab	43.0395, -4.9775, 14.5880

Details

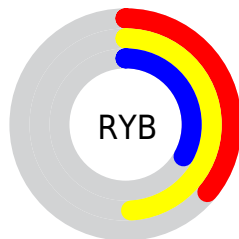
The YIQ color **117.8040, 14.8110, -9.6130** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **93.1960, -14.8110, 9.6130**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **169.8750, 16.0490, -10.0230**, and **69.4340, 12.9770, -9.4150** is the 20% darker color. If you saturate the color by 10%, you get **115.1480, 19.5340, -12.6100**, and if you desaturate by 10%, it is **120.4600, 10.0880, -6.6160**.

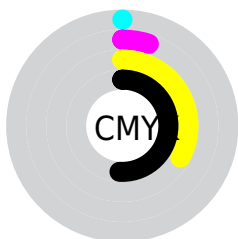
Distribution



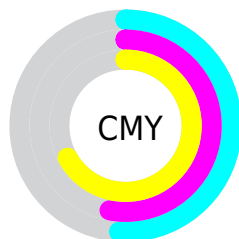
- Red (49%)
- Green (47%)
- Blue (33%)



- Red (36%)
- Yellow (49%)
- Blue (33%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (51%)



- Cyan (51%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.8040, 14.8110, -9.6130 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 117.8040, 14.8110, -9.6130 by changing the saturation by 10% instead.

■ 117.8040, 14.8110,
-9.6130

■ 117.8040, 14.8110,
-9.6130

■ 255.0000, -0.0000,
-0.0000

■ 93.0320, 14.1690,
-8.9910

■ 169.8750, 16.0490,
-10.0230

■ 69.4340, 12.9770,
-9.4150

■ 197.0600, 16.9660,
-10.1220

■ 46.6620, 12.3350,
-8.7930

■ 224.9460, 17.2870,
-10.4330

■ 26.0040, 11.3720,
-7.8600

■ 250.5540, 12.5190,
-12.1290

■ 0.5870, -0.2750,
-0.5230

■ 253.8600, 3.2100,
-3.1100

■ 0.0000, 0.0000,
0.0000

■ 117.8040, 14.8110,
-9.6130

■ 117.8040, 14.8110,
-9.6130

■ 115.1480, 19.5340,
-12.6100

■ 120.4600, 10.0880,
-6.6160

■ 112.6060, 23.9360,
-15.2960

■ 123.0020, 5.6860,
-3.9300

■ 109.9500, 28.6590,
-18.2930

■ 125.6580, 0.9630,
-0.9330

■ 107.9950, 32.7860,
-21.5020

■ 127.6130, -3.1640,
2.2760

■ 105.3390, 37.5090,
-24.4990

■ 130.2690, -7.8870,
5.2730

■ 102.6830, 42.2320,
-27.4960

■ 132.9250,
-12.6100, 8.2700

■ 101.0700, 45.3960,
-29.7720

■ 135.4670,
-17.0120, 10.9560

■ 138.1230,

-21.7350, 13.9530

■ 140.6650,
-26.1370, 16.6390

Harmonies

Analogous

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



119.2940, 25.3550, -2.4610



117.8040, 14.8110, -9.6130



115.8560, -0.1350, -14.0790

Triad

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



117.8040, 14.8110, -9.6130



111.5420, -39.9330, -8.6770



122.0980, 14.9440, 15.5200

Complementary

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



117.8040, 14.8110, -9.6130



93.1960, -14.8110, 9.6130

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.



121.5460, -1.0570, 13.6550



117.8040, 14.8110, -9.6130



114.5200, -33.6990, -0.5070

Square

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



117.8040, 14.8110, -9.6130



111.2020, -33.2840, -13.5400



118.9890, -18.6620, 7.8180



121.8510, 25.7650, 12.1410

Rectangle

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



117.8040, 14.8110, -9.6130



113.8700, -11.9180, -15.2940



118.9890, -18.6620, 7.8180



122.0590, 10.6800, 15.7040

Sweetspot

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



117.8040, 14.8110, -9.6130



160.0020, 5.6860, -3.9300



97.9430, 22.5100, 10.5580



79.6860, 3.7600, -2.0640



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



117.8040, 14.8110, -9.6130



150.5350, 22.6980, -14.8860



117.1400, 4.8170, -15.7190



62.6150, 2.5220, -1.6540



102.2550, 46.3130, -29.8710



0.0000, 0.0000, 0.0000

Inverse Universe

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



93.1960, -14.8110, 9.6130



112.4650, -22.6980, 14.8860



93.8600, -4.8170, 15.7190



58.3850, -2.5220, 1.6540



25.7450, -46.3130, 29.8710



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 117.8040, 14.8110, -9.6130 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 117.8040, 14.8110, -9.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

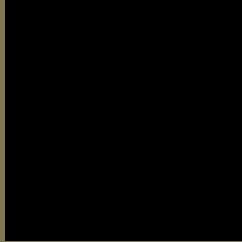
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.8040, 14.8110, -9.6130

Background



This preview shows how black text looks on a background with the YIQ color 117.8040, 14.8110, -9.6130.



This preview shows how white text looks on a background with the YIQ color 117.8040, 14.8110,

-9.6130.

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

117.8040, 14.8110, -9.6130

Protanopia

118.1140, 16.8740, -8.4540

Deuteranopia

118.8810, 25.0800, -2.9840



Tritanopia

120.8100, 6.6470, 6.1910

Trichromacy



Original Color

117.8040, 14.8110, -9.6130

Protanomaly

117.8150, 16.2780, -8.6660

Deuteranomaly

118.5600, 21.5500, -5.0900

Tritanomaly

119.7900, 9.3990, 0.3670

Monochromacy



Original Color

117.8040, 14.8110, -9.6130

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.1160, 5.3650, -3.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.8040, 14.8110, -9.6130 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(126, 120, 85)` looks like.

```
.text, #text, p{  
    color:rgb(126, 120, 85)  
}
```

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(126, 120, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 120, 85) }
```

Border

The CSS property to change the border of an element to YIQ 117.8040, 14.8110, -9.6130 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(126, 120, 85) }
```


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

```
.border{ border-color:rgb(126, 120, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 120, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 120, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 120, 85);  
box-shadow:4px 4px 4px 4px rgb(126, 120,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 117.8040, 14.8110, -9.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 120, 85) }
```

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

```
.background{ background-color: rgb(126,  
120, 85) }
```

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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