

Converting Colors

YIQ(166.3210, 65.4240, 14.7680)

Have a look what the booklet for
YIQ(166.3210, 65.4240, 14.7680)
contains.

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Color

**YIQ(166.3210, 65.4240,
14.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	EE8B77
RGB	238, 139, 119
RGB Percent	93%, 55%, 47%
CMY	0.0664, 0.4550, 0.5331
CMYK	0.00, 0.42, 0.50, 0.07
HSL	10°, 78%, 70%
HSV	10°, 50%, 93%
XYZ	47.8396, 37.9738, 22.2831
YIQ	166.3210, 65.4240, 14.7680

Conversions

Conversions Part 2

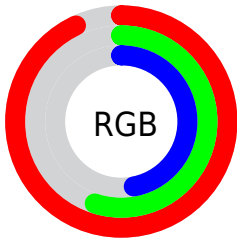
Format	Color
R _Y B	238, 143, 119
Decimal	15633271
CIE Lab	68.00, 35.65, 26.97
CIE LCh	68, 44.705, 37.105
Yxy	37.9738, 0.4426, 0.3513
Android (android.graphics.Color)	4293823351 (0xFFEE8B77)
YUV	166.3210, -23.3293, 62.8625
Hunter-Lab	61.6229, 30.7346, 21.6965

Details

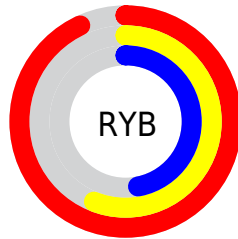
The YIQ color **166.3210, 65.4240, 14.7680** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **190.6790, -65.4240, -14.7680**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.6170, 43.7390, 5.7790**, and **112.2710, 59.6930, 14.0050** is the 20% darker color. If you saturate the color by 10%, you get **151.8450, 78.6280, 17.7640**, and if you desaturate by 10%, it is **180.7970, 52.2200, 11.7720**.

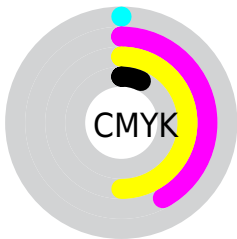
Distribution



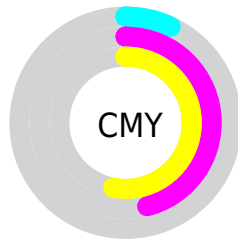
- Red (93%)
- Green (55%)
- Blue (47%)



- Red (93%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (42%)
- Yellow (50%)
- Black (7%)





- Cyan (7%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.3210, 65.4240, 14.7680 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 166.3210, 65.4240, 14.7680 by changing the saturation by 10% instead.


 166.3210, 65.4240,
14.7680


 166.3210, 65.4240,
14.7680


255.0000, -0.0000,
-0.0000


 139.2390, 62.7190,
14.2310


 209.6170, 43.7390,
5.7790


 112.2710, 59.6930,
14.0050

 229.2450, 27.0510,
-0.1570

 86.4170, 56.3460,
14.0900

 249.4600, 10.0880,
-6.6160

 60.8620, 53.5950,
14.3870

 33.2040, 52.6320,
15.3200

 19.4350, 38.7400,
13.7800

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 166.3210, 65.4240,
14.7680

■ 166.3210, 65.4240,
14.7680

■ 151.8450, 78.6280,
17.7640

■ 180.7970, 52.2200,
11.7720

■ 137.3690, 91.8320,
20.7600

■ 195.2730, 39.0160,
8.7760

■ 123.0070,
104.7150, 24.0670

■ 209.0480, 26.4080,
5.9920

■ 109.1180,
117.6440, 26.5400

■ 223.5240, 13.2040,
2.9960

■ 94.6420, 130.8480,
29.5360

■ 238.0000, -0.0000,
0.0000

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.



168.4410, 56.9390, 30.8830



166.3210, 65.4240, 14.7680



164.2960, 57.4040, -5.0920

Triad

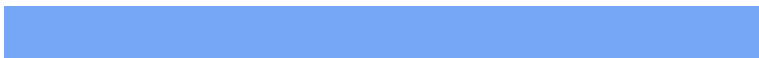
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



166.3210, 65.4240, 14.7680



148.5850, -42.6330, -36.8490



161.3550, -54.5630, 14.1810

Complementary

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



166.3210, 65.4240, 14.7680



190.6790, -65.4240, -14.7680

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.



131.7320, -125.6690, -18.7650



166.3210, 65.4240, 14.7680



129.6050, -107.2790, -43.6870

Square

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



166.3210, 65.4240, 14.7680



157.0340, 1.5190, -33.0490



132.8770, -119.2480, -30.5120



169.2750, -6.8830, 31.1410

Rectangle

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



166.3210, 65.4240, 14.7680



162.6760, 44.1100, -17.4740



132.8770, -119.2480, -30.5120



155.3310, -72.3510, 6.1530

Sweetspot

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



166.3210, 65.4240, 14.7680



231.8840, 20.9980, 4.9180



165.8670, 39.1450, 56.0170



113.6380, 12.8830, 3.3070



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.



166.3210, 65.4240, 14.7680



163.0090, 84.0380, 18.8380



200.9540, 49.1990, -16.0890



112.7620, 6.6020, 1.4980



73.2130, 101.1390, 22.7950



22.0270, 30.9010, 7.1650

Inverse Universe

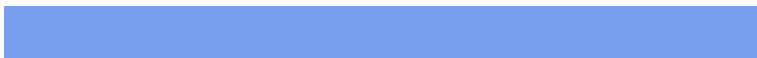
The Inverse Universe completely reimagines the original color for something new.



190.6790, -65.4240, -14.7680



193.9910, -84.0380, -18.8380



156.0460, -49.1990, 16.0890



115.2380, -6.6020, -1.4980



110.7870, -101.1390, -22.7950



33.9730, -30.9010, -7.1650

Previews

White Background



This preview shows how the YIQ color 166.3210, 65.4240, 14.7680 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 166.3210, 65.4240, 14.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

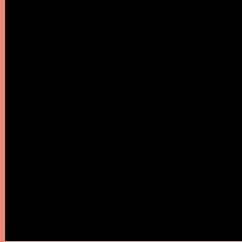
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.3210, 65.4240, 14.7680

Background



This preview shows how black text looks on a background with the YIQ color 166.3210, 65.4240, 14.7680.



This preview shows how white text looks on a background with the YIQ color 166.3210, 65.4240,

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

166.3210, 65.4240, 14.7680

Protanopia

165.2990, 17.7910, -8.5530

Deuteranopia

165.6450, 37.3680, -5.4160



Tritanopia

167.5350, 59.3700, 25.3700

Trichromacy



Original Color

166.3210, 65.4240, 14.7680

Protanomaly

165.5510, 34.9370, 0.0970

Deuteranomaly

166.1350, 47.9120, 1.7360

Tritanomaly

166.7970, 61.3880, 21.8360

Monochromacy



Original Color

166.3210, 65.4240, 14.7680

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.9660, 23.7030, 5.4550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.3210, 65.4240, 14.7680 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, 139, 119)` looks like.

```
.text, #text, p{  
    color:rgb(238, 139, 119)  
}
```

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, 139, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 139, 119) }
```

Border

The CSS property to change the border of an element to YIQ 166.3210, 65.4240, 14.7680 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, 139, 119) }
```


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

```
.border{ border-color:rgb(238, 139, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 139, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 139, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 139, 119);  
box-shadow:4px 4px 4px 4px rgb(238, 139,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 166.3210, 65.4240, 14.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 139, 119) }
```

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

```
.background{ background-color: rgb(238,  
139, 119) }
```

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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