

Converting Colors

YIQ(167.4380, 51.8530, 12.9170)

Have a look what the booklet for
YIQ(167.4380, 51.8530, 12.9170)
contains.

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Color

**YIQ(167.4380, 51.8530,
12.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	E19184
RGB	225, 145, 132
RGB Percent	88%, 57%, 52%
CMY	0.1175, 0.4315, 0.4821
CMYK	0.00, 0.36, 0.41, 0.12
HSL	8°, 61%, 70%
HSV	8°, 41%, 88%
XYZ	45.3547, 37.9230, 26.7790
YIQ	167.4380, 51.8530, 12.9170

Conversions

Conversions Part 2

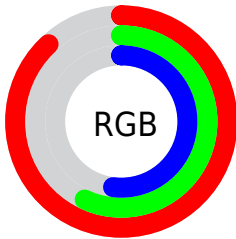
Format	Color
R _Y B	225, 147, 132
Decimal	14782852
CIE Lab	67.96, 28.81, 19.46
CIE LCh	68, 34.762, 34.039
Yxy	37.9230, 0.4121, 0.3446
Android (android.graphics.Color)	4292972932 (0xFFE19184)
YUV	167.4380, -17.4709, 50.4819
Hunter-Lab	61.5816, 23.6969, 17.3247

Details

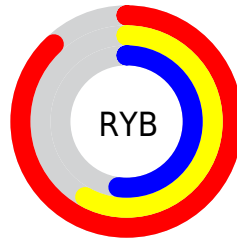
The YIQ color **167.4380, 51.8530, 12.9170** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **189.5620, -51.8530, -12.9170**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.7350, 37.5950, 6.9950**, and **114.4590, 47.3600, 11.7440** is the 20% darker color. If you saturate the color by 10%, you get **153.7770, 64.1400, 16.0120**, and if you desaturate by 10%, it is **181.2130, 39.2450, 10.1330**.

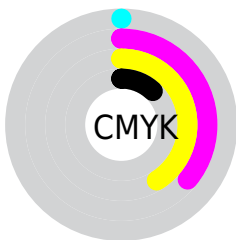
Distribution



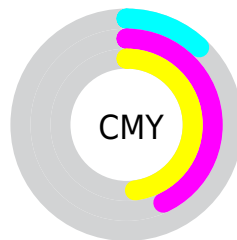
- Red (88%)
- Green (57%)
- Blue (52%)



- Red (88%)
- Yellow (58%)
- Blue (52%)



- Cyan (0%)
- Magenta (36%)
- Yellow (41%)
- Black (12%)





- Cyan (12%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 167.4380, 51.8530, 12.9170 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 167.4380, 51.8530, 12.9170 by changing the saturation by 10% instead.


 167.4380, 51.8530,
12.9170


 167.4380, 51.8530,
12.9170


255.0000, -0.0000,
-0.0000


 140.6550, 49.7440,
12.5920


 214.1480, 37.8700,
7.5180


 114.5730, 47.0390,
12.0550


 234.3630, 20.9070,
1.0590

 88.7900, 44.9300,
11.7300

 253.4040, 4.4940,
-4.3540

 64.2350, 42.1790,
12.0270

 40.2670, 39.1530,
11.8010

 17.6410, 35.1640,
12.5080

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 167.4380, 51.8530,
12.9170

■ 167.4380, 51.8530,
12.9170

■ 153.7770, 64.1400,
16.0120

■ 181.2130, 39.2450,
10.1330

■ 139.4150, 77.0230,
19.3190

■ 195.4610, 26.6830,
6.5150

■ 125.7540, 89.3100,
22.4140

■ 209.2360, 14.0750,
3.7310

■ 111.3920,
102.1930, 25.7210

■ 222.8970, 1.7880,
0.6360

■ 97.7310, 114.4800,
28.8160

■ 237.2590,
-11.0950, -2.6710

■ 85.4720, 125.5750,
31.4870

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



168.8090, 43.9190, 24.5510



167.4380, 51.8530, 12.9170



165.4290, 46.9040, -2.0240

Triad

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



167.4380, 51.8530, 12.9170



154.4670, -27.3210, -28.0010



162.2930, -42.8250, 10.7030

Complementary

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



167.4380, 51.8530, 12.9170



189.5620, -51.8530, -12.9170

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.



151.5290, -73.4490, -6.9930



167.4380, 51.8530, 12.9170



148.2150, -61.6620, -27.8860

Square

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



167.4380, 51.8530, 12.9170



159.5710, 4.6810, -24.2710



142.8010, -86.5590, -22.7110



168.7490, -8.5780, 23.3100

Rectangle

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



167.4380, 51.8530, 12.9170



164.2440, 36.8190, -11.9890



142.8010, -86.5590, -22.7110



159.4440, -53.7360, 4.6960

Sweetspot

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



167.4380, 51.8530, 12.9170



236.2040, 17.1010, 3.9570



169.0410, 29.4270, 44.9070



116.5560, 10.1780, 2.7700



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.



167.4380, 51.8530, 12.9170



175.9520, 71.0170, 18.0330



194.4400, 39.2030, -11.1410



105.4630, 6.0060, 1.2860



66.7120, 98.2960, 24.7600



18.4610, 26.6830, 6.5150

Inverse Universe

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



189.5620, -51.8530, -12.9170



206.4610, -70.7420, -17.5100



162.5600, -39.2030, 11.1410



108.1240, -6.2810, -1.8090



109.2880, -98.2960, -24.7600



30.1260, -26.9580, -7.0380

Previews

White Background



This preview shows how the YIQ color 167.4380, 51.8530, 12.9170 looks on a white background.

Color Contrast Check

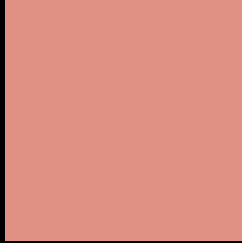
Large Text (above 18pt) WCAG AA × Fail

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 167.4380, 51.8530, 12.9170 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 167.4380, 51.8530, 12.9170

Background



This preview shows how black text looks on a background with the YIQ color 167.4380, 51.8530, 12.9170.



This preview shows how white text looks on a background with the YIQ color 167.4380, 51.8530,

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

167.4380, 51.8530, 12.9170

Protanopia

165.6560, 12.4720, -5.7680

Deuteranopia

166.0450, 30.4900, -1.9100



Tritanopia

168.6690, 47.1290, 21.4410

Trichromacy



Original Color

167.4380, 51.8530, 12.9170

Protanomaly

166.1850, 27.2800, 1.2000

Deuteranomaly

166.5130, 38.1000, 3.3480

Tritanomaly

168.0450, 48.8260, 18.2180

Monochromacy



Original Color

167.4380, 51.8530, 12.9170

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.1010, 18.8890, 4.5930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.4380, 51.8530, 12.9170 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(225, 145, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 145, 132)  
}
```

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(225, 145, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 145, 132) }
```

Border

The CSS property to change the border of an element to YIQ 167.4380, 51.8530, 12.9170 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(225, 145, 132) }
```


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

```
.border{ border-color:rgb(225, 145, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 145, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 145, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 145, 132); box-shadow:4px 4px 4px 4px rgb(225, 145, 132) }
```

Background

The CSS property to change the background color of an element to YIQ 167.4380, 51.8530, 12.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 145, 132) }
```

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

```
.background{ background-color: rgb(225,  
145, 132) }
```

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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