

Converting Colors

YIQ(167.6660, 51.2110, 13.5390)

Have a look what the booklet for
YIQ(167.6660, 51.2110, 13.5390)
contains.

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Color

**YIQ(167.6660, 51.2110,
13.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	E19186
RGB	225, 145, 134
RGB Percent	88%, 57%, 53%
CMY	0.1175, 0.4315, 0.4743
CMYK	0.00, 0.36, 0.40, 0.12
HSL	7°, 60%, 70%
HSV	7°, 40%, 88%
XYZ	45.4930, 37.9783, 27.5068
YIQ	167.6660, 51.2110, 13.5390

Conversions

Conversions Part 2

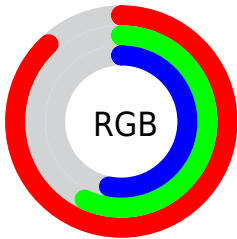
Format	Color
R_{YB}	225, 147, 134
Decimal	14782854
CIE _{Lab}	68.00, 29.03, 18.40
CIE _{LCh}	68, 34.369, 32.375
Yxy	37.9783, 0.4099, 0.3422
Android (android.graphics.Color)	4292972934 (0xFFE19186)
YUV	167.6660, -16.5973, 50.2819
Hunter-Lab	61.6266, 23.9231, 16.6747

Details

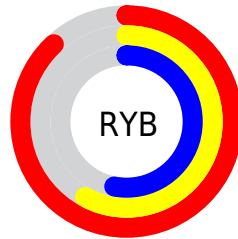
The YIQ color **167.6660, 51.2110, 13.5390** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **191.3340, -51.2110, -13.5390**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.9630, 36.9530, 7.6170**, and **114.6870, 46.7180, 12.3660** is the 20% darker color. If you saturate the color by 10%, you get **153.4180, 63.7730, 17.1570**, and if you desaturate by 10%, it is **182.0280, 38.3280, 10.2320**.

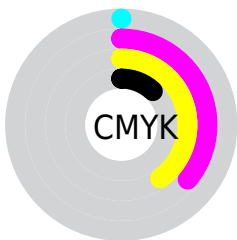
Distribution



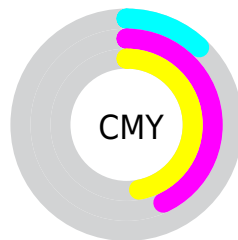
- Red (88%)
- Green (57%)
- Blue (53%)



- Red (88%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (12%)



- Cyan (12%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 167.6660, 51.2110, 13.5390 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 167.6660, 51.2110, 13.5390 by changing the saturation by 10% instead.


 167.6660, 51.2110,
13.5390


 167.6660, 51.2110,
13.5390


255.0000, -0.0000,
-0.0000

 140.8830, 49.1020,
13.2140


 214.3760, 37.2280,
8.1400


 114.1000, 46.9930,
12.8890


 234.5910, 20.2650,
1.6810

 89.0180, 44.2880,
12.3520

 253.6320, 3.8520,
-3.7320

 64.3490, 41.8580,
12.3380

 39.9080, 38.7860,
12.9460

 17.6410, 35.1640,
12.5080

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 167.6660, 51.2110,
13.5390

■ 167.6660, 51.2110,
13.5390

■ 153.4180, 63.7730,
17.1570

■ 182.0280, 38.3280,
10.2320

■ 139.0560, 76.6560,
20.4640

■ 196.2760, 25.7660,
6.6140

■ 125.3950, 88.9430,
23.5590

■ 210.0510, 13.1580,
3.8300

■ 111.0330,
101.8260, 26.8660

■ 224.2990, 0.5960,
0.2120

■ 96.7850, 114.3880,
30.4840

■ 238.6610,
-12.2870, -3.0950

■ 83.1240, 126.6750,
33.5790

■ 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.



169.3250, 42.4060, 24.4380



167.6660, 51.2110, 13.5390



165.9560, 46.8580, -1.1900

Triad

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



167.6660, 51.2110, 13.5390



155.2500, -25.2120, -27.6760



162.1680, -43.9710, 9.4450

Complementary

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



167.6660, 51.2110, 13.5390



191.3340, -51.2110, -13.5390

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.



151.7030, -73.9990, -8.0390



167.6660, 51.2110, 13.5390



149.1830, -58.6360, -27.6600

Square

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



167.6660, 51.2110, 13.5390



160.0550, 6.1940, -24.1580



143.7690, -83.5330, -22.4850



168.7380, -10.0450, 22.3630

Rectangle

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



167.6660, 51.2110, 13.5390



164.3690, 37.9650, -10.7310



143.7690, -83.5330, -22.4850



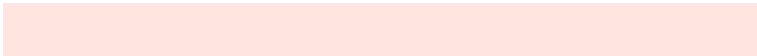
158.8460, -54.9280, 4.2720

Sweetspot

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



167.6660, 51.2110, 13.5390



235.6170, 17.3760, 4.4800



170.3290, 28.5560, 44.1720



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.



167.6660, 51.2110, 13.5390



176.1800, 70.3750, 18.6550



194.0810, 38.8360, -9.9960



104.8760, 6.2810, 1.8090



64.9510, 99.1210, 26.3290



17.8740, 26.9580, 7.0380

Inverse Universe

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



191.3340, -51.2110, -13.5390



208.8200, -70.3750, -18.6550



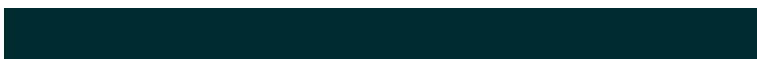
164.9190, -38.8360, 9.9960



108.1240, -6.2810, -1.8090



111.0490, -99.1210, -26.3290



30.7130, -27.2330, -7.5610

Previews

White Background



This preview shows how the YIQ color 167.6660, 51.2110, 13.5390 looks on a white background.

Color Contrast Check

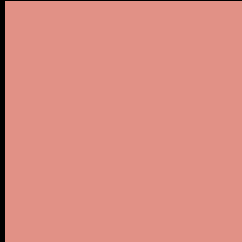
Large Text (above 18pt) WCAG AA × Fail

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 167.6660, 51.2110, 13.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

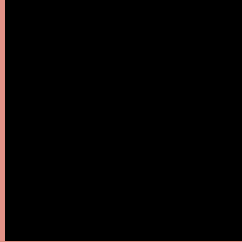
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.6660, 51.2110, 13.5390

Background



This preview shows how black text looks on a background with the YIQ color 167.6660, 51.2110, 13.5390.



This preview shows how white text looks on a background with the YIQ color 167.6660, 51.2110,

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

167.6660, 51.2110, 13.5390

Protanopia

165.8840, 11.8300, -5.1460

Deuteranopia

166.8600, 29.5730, -1.8110



Tritanopia

168.6690, 47.1290, 21.4410

Trichromacy



Original Color

167.6660, 51.2110, 13.5390

Protanomaly

166.4130, 26.6380, 1.8220

Deuteranomaly

167.3280, 37.1830, 3.4470

Tritanomaly

168.1590, 48.5050, 18.5290

Monochromacy



Original Color

167.6660, 51.2110, 13.5390

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.2150, 18.5680, 4.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.6660, 51.2110, 13.5390 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(225, 145, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 145, 134) }
```

Border

The CSS property to change the border of an element to YIQ 167.6660, 51.2110, 13.5390 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, 134) }
```


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

```
.border{ border-color:rgb(225, 145, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 145, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 145, 134);  
box-shadow:4px 4px 4px 4px rgb(225, 145,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 167.6660, 51.2110, 13.5390 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, 134) }
```

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

```
.background{ background-color: rgb(225,  
145, 134) }
```

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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