

Converting Colors

YIQ(105.4260, 52.1270, 18.9670)

Have a look what the booklet for
YIQ(105.4260, 52.1270, 18.9670)
contains.

YIQ(105.4260, 52.1270, 18.9670)	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(105.4260, 52.1270,
18.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	A74F50
RGB	167, 79, 80
RGB Percent	65%, 31%, 31%
CMY	0.3449, 0.6903, 0.6861
CMYK	0.00, 0.53, 0.52, 0.34
HSL	359°, 36%, 48%
HSV	359°, 53%, 66%
XYZ	20.1909, 14.3879, 9.3126
YIQ	105.4260, 52.1270, 18.9670

Conversions

Conversions Part 2

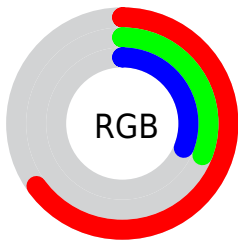
Format	Color
R_{YB}	167, 79, 80
Decimal	10964816
CIE Lab	44.78, 36.34, 16.68
CIE LCh	45, 39.984, 24.659
Yxy	14.3879, 0.4600, 0.3278
Android (android.graphics.Color)	4289154896 (0xFFA74F50)
YUV	105.4260, -12.5350, 54.0004
Hunter-Lab	37.9314, 28.6356, 11.9957

Details

The YIQ color **105.4260, 52.1270, 18.9670** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **140.5740, -52.1270, -18.9670**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.8780, 56.6660, 19.3060**, and **54.3160, 46.6250, 19.5610** is the 20% darker color. If you saturate the color by 10%, you get **93.6230, 61.9380, 22.8820**, and if you desaturate by 10%, it is **117.3430, 41.9950, 15.3630**.

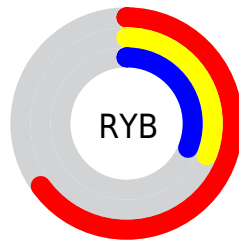
Distribution



Red (65%)

Green (31%)

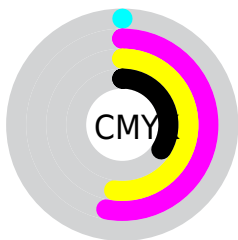
Blue (31%)



Red (65%)

Yellow (31%)

Blue (31%)

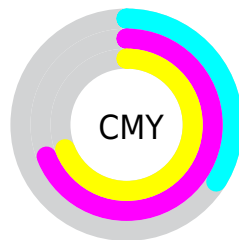


Cyan (0%)

Magenta (53%)

Yellow (52%)

Black (34%)



Cyan (34%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.4260, 52.1270, 18.9670 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 105.4260, 52.1270, 18.9670 by changing the saturation by 10% instead.

■ 105.4260, 52.1270,
18.9670

■ 105.4260, 52.1270,
18.9670

■ 255.0000, -0.0000,
-0.0000

■ 79.7570, 49.6970,
18.9530

■ 158.5900, 57.5370,
20.0410

■ 54.3160, 46.6250,
19.5610

■ 186.0740, 59.0500,
20.1540

■ 26.5270, 44.6530,
22.2610

■ 205.5880, 42.6830,
13.9070

■ 17.0430, 33.9720,
12.0840

■ 225.2160, 25.9950,
7.9710

■ 8.1870, 15.7710,
6.0350

■ 245.4310, 9.0320,
1.5120

■ 0.0000, 0.0000,
0.0000

105.4260, 52.1270,
18.9670

105.4260, 52.1270,
18.9670

93.6230, 61.9380,
22.8820

117.3430, 41.9950,
15.3630

82.2930, 71.7950,
25.9630

128.5590, 32.4590,
11.9710

70.4900, 81.6060,
29.8780

140.4760, 22.3270,
8.3670

58.5730, 91.7380,
33.4820

152.2790, 12.5160,
4.4520

50.1610, 98.8900,
36.0260


163.6090, 2.6590,
1.3710

175.4120, -7.1520,
-2.5440

187.3290,
-17.2840, -6.1480

199.1320,

-27.0950, -10.0630

 210.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



107.1170, 40.2960, 29.6400



105.4260, 52.1270, 18.9670



104.8040, 50.3420, 1.7500

Triad

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



105.4260, 52.1270, 18.9670



94.1210, -20.5350, -29.8390



84.7650, -85.7370, -4.5610

Complementary

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



105.4260, 52.1270, 18.9670



140.5740, -52.1270, -18.9670

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.



88.0930, -84.0850, -12.4770



105.4260, 52.1270, 18.9670



82.9000, -65.3290, -33.0170

Square

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



105.4260, 52.1270, 18.9670



99.8340, 14.1260, -24.7380



86.7760, -76.2430, -22.4430



107.0400, -22.6990, 20.4130

Rectangle

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



105.4260, 52.1270, 18.9670



103.6470, 43.0540, -9.3460



86.7760, -76.2430, -22.4430



86.2980, -85.9200, -6.7520

Sweetspot

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



105.4260, 52.1270, 18.9670



192.4650, 20.8600, 7.4200



115.0450, 23.6040, 45.8120



95.2790, 12.5160, 4.4520



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



105.4260, 52.1270, 18.9670



121.1910, 81.0100, 29.6660



130.5530, 40.6230, -3.8330



78.3920, 4.7680, 1.6960



44.4800, 87.5660, 31.9980



5.9800, 11.9200, 4.2400

Inverse Universe

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



105.4260, 52.1270, 18.9670



121.1910, 81.0100, 29.6660



115.4470, -40.6230, 3.8330



78.3920, 4.7680, 1.6960



44.4800, 87.5660, 31.9980



5.9800, 11.9200, 4.2400

Previews

White Background



This preview shows how the YIQ color 105.4260, 52.1270, 18.9670 looks on a white 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

Black Background



This preview shows how the YIQ color 105.4260, 52.1270, 18.9670 looks on a black 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

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

YIQ 105.4260, 52.1270, 18.9670

Background



This preview shows how black text looks on a background with the YIQ color 105.4260, 52.1270, 18.9670.



This preview shows how white text looks on a background with the YIQ color 105.4260, 52.1270,

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

105.4260, 52.1270, 18.9670

Protanopia

106.3120, 7.7490, -2.7710

Deuteranopia

106.5110, 23.2460, -2.7860



Tritanopia

105.2950, 51.1180, 20.7340

Trichromacy



Original Color

105.4260, 52.1270, 18.9670

Protanomaly

105.8520, 24.0240, 5.1440

Deuteranomaly

106.4140, 34.0650, 4.8890

Tritanomaly

105.1810, 51.4390, 20.4230

Monochromacy



Original Color

105.4260, 52.1270, 18.9670

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.5680, 19.0720, 6.7840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.4260, 52.1270, 18.9670 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(167, 79, 80)` looks like.

```
.text, #text, p{  
    color:rgb(167, 79, 80)  
}
```

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(167, 79, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 79, 80) }
```

Border

The CSS property to change the border of an element to YIQ 105.4260, 52.1270, 18.9670 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(167, 79, 80) }
```


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

```
.border{ border-color:rgb(167, 79, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 79, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 79, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 79, 80);  
box-shadow:4px 4px 4px 4px rgb(167, 79,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 105.4260, 52.1270, 18.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 79, 80) }
```

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

```
.background{ background-color: rgb(167, 79,  
80) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor