

Converting Colors

YIQ(165.4170, 47.1780, 4.0260)

Have a look what the booklet for
YIQ(165.4170, 47.1780, 4.0260)
contains.

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Color

**YIQ(165.4170, 47.1780,
4.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	D59678
RGB	213, 150, 120
RGB Percent	84%, 59%, 47%
CMY	0.1646, 0.4118, 0.5292
CMYK	0.00, 0.30, 0.44, 0.16
HSL	19°, 53%, 65%
HSV	19°, 44%, 84%
XYZ	41.7458, 37.3127, 22.7882
YIQ	165.4170, 47.1780, 4.0260

Conversions

Conversions Part 2

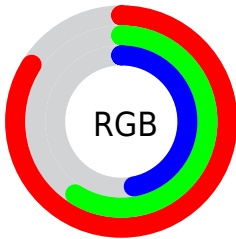
Format	Color
R _Y B	213, 164, 120
Decimal	13997688
CIE Lab	67.51, 20.11, 25.24
CIE LCh	68, 32.270, 51.458
Yxy	37.3127, 0.4099, 0.3664
Android (android.graphics.Color)	4292187768 (0xFFD59678)
YUV	165.4170, -22.3906, 41.7303
Hunter-Lab	61.0841, 15.0923, 20.6400

Details

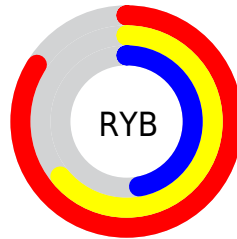
The YIQ color **165.4170, 47.1780, 4.0260** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **167.5830, -47.1780, -4.0260**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7150, 40.3470, 1.1710**, and **112.8510, 42.9600, 3.3760** is the 20% darker color. If you saturate the color by 10%, you get **154.8050, 57.7690, 4.8170**, and if you desaturate by 10%, it is **176.0290, 36.5870, 3.2350**.

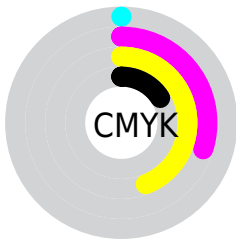
Distribution



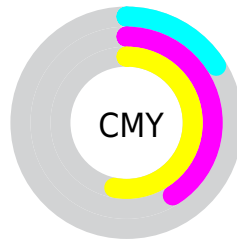
- Red (84%)
- Green (59%)
- Blue (47%)



- Red (84%)
- Yellow (64%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)
- Black (16%)





- Cyan (16%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.4170, 47.1780, 4.0260 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 165.4170, 47.1780, 4.0260 by changing the saturation by 10% instead.


 165.4170, 47.1780,
4.0260


 165.4170, 47.1780,
4.0260


255.0000, -0.0000,
-0.0000

 138.6340, 45.0690,
3.7010


 215.7150, 40.3470,
1.1710


 112.8510, 42.9600,
3.3760


 235.8160, 23.7050,
-5.5990

 87.7690, 40.2550,
2.8390

 251.9220, 8.6670,
-8.3970

 63.8010, 37.2290,
2.6130

 39.6760, 36.0830,
1.3550

 19.6460, 27.6000,
6.4160

 6.2790, 12.5160,

4.4520

■ 0.0000, 0.0000,
0.0000

■ 165.4170, 47.1780,
4.0260

■ 165.4170, 47.1780,
4.0260

■ 154.8050, 57.7690,
4.8170

■ 176.0290, 36.5870,
3.2350

■ 143.4920, 68.9560,
5.8200

■ 187.3420, 25.4000,
2.2320

■ 132.8800, 79.5470,
6.6110

■ 197.9540, 14.8090,
1.4410

■ 121.6810, 90.4130,
7.9250

■ 209.1530, 3.9430,
0.1270

■ 111.0690,
101.0040, 8.7160

■ 219.8790, -6.9690,
-0.3530

■ 104.1900,
107.9730, 9.0690

■ 231.0780,
-17.8350, -1.6670

■ 240.0940,
-23.9320, -6.8120

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



166.8490, 46.4420, 17.3700



165.4170, 47.1780, 4.0260



163.5260, 36.0850, -9.6990

Triad

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



165.4170, 47.1780, 4.0260



151.7350, -42.6350, -25.7950



165.7150, -20.4060, 17.4020

Complementary

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



165.4170, 47.1780, 4.0260



167.5830, -47.1780, -4.0260

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.



158.4720, -50.9390, 3.5650



165.4170, 47.1780, 4.0260



146.4840, -69.5490, -22.6130

Square

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



165.4170, 47.1780, 4.0260



156.6600, -11.6870, -24.9910



149.2530, -72.8520, -12.3080



168.6710, 9.2570, 24.9770

Rectangle

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



165.4170, 47.1780, 4.0260



161.3670, 23.1110, -16.8650



149.2530, -72.8520, -12.3080



163.3330, -31.1340, 13.5860

Sweetspot

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



165.4170, 47.1780, 4.0260



238.3240, 16.6430, 1.2430



155.1030, 34.8840, 39.6200



117.3880, 10.5910, 0.7910



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.



165.4170, 47.1780, 4.0260



187.0080, 67.4430, 5.7070



192.4190, 34.5280, -20.0320



101.6370, 5.4560, 0.2400



83.4140, 86.7910, 7.4870



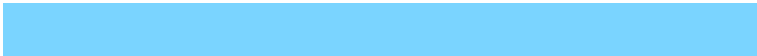
21.0750, 21.7780, 1.7940

Inverse Universe

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



167.5830, -47.1780, -4.0260



189.9920, -67.4430, -5.7070



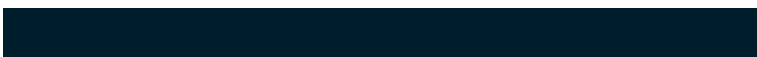
140.5810, -34.5280, 20.0320



101.9500, -5.7310, -0.7630



87.5860, -86.7910, -7.4870



21.9250, -21.7780, -1.7940

Previews

White Background



This preview shows how the YIQ color 165.4170, 47.1780, 4.0260 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 165.4170, 47.1780, 4.0260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

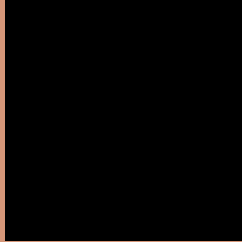
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.4170, 47.1780, 4.0260

Background



This preview shows how black text looks on a background with the YIQ color 165.4170, 47.1780, 4.0260.



This preview shows how white text looks on a background with the YIQ color 165.4170, 47.1780,

4.0260.

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

165.4170, 47.1780, 4.0260

Protanopia

163.9570, 18.7540, -9.4860

Deuteranopia

164.9160, 35.1670, -4.0730



Tritanopia

167.4830, 38.7850, 18.4730

Trichromacy



Original Color

165.4170, 47.1780, 4.0260

Protanomaly

164.5670, 28.8400, -5.0480

Deuteranomaly

164.9490, 39.5680, -1.2320

Tritanomaly

166.8760, 41.8120, 13.1720

Monochromacy



Original Color

165.4170, 47.1780, 4.0260

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.3240, 16.6430, 1.2430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4170, 47.1780, 4.0260 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(213, 150, 120)` looks like.

```
.text, #text, p{  
    color:rgb(213, 150, 120)  
}
```

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(213, 150, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 150, 120) }
```

Border

The CSS property to change the border of an element to YIQ 165.4170, 47.1780, 4.0260 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(213, 150, 120) }
```


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

```
.border{ border-color:rgb(213, 150, 120) }
```

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

Here you see how a box with a 4 pixel rgb(213, 150, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 150, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 150, 120);  
box-shadow:4px 4px 4px 4px rgb(213, 150,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4170, 47.1780, 4.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 150, 120) }
```

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

```
.background{ background-color: rgb(213,  
150, 120) }
```

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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