

Converting Colors

YIQ(165.9450, 45.3910, -2.1370)

Have a look what the booklet for
YIQ(165.9450, 45.3910, -2.1370)
contains.

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Color

**YIQ(165.9450, 45.3910,
-2.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	D09B70
RGB	208, 155, 112
RGB Percent	82%, 61%, 44%
CMY	0.1842, 0.3922, 0.5606
CMYK	0.00, 0.25, 0.46, 0.18
HSL	27°, 51%, 63%
HSV	27°, 46%, 82%
XYZ	40.6648, 38.0199, 20.5404
YIQ	165.9450, 45.3910, -2.1370

Conversions

Conversions Part 2

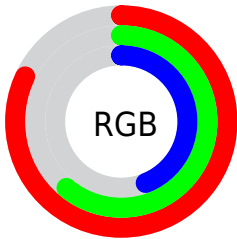
Format	Color
R_{YB}	208, 190, 112
Decimal	13671280
CIE _{Lab}	68.04, 14.54, 30.18
CIE _{LCh}	68, 33.503, 64.282
Yxy	38.0199, 0.4098, 0.3832
Android (android.graphics.Color)	4291861360 (0xFFD09B70)
YUV	165.9450, -26.5949, 36.8822
Hunter-Lab	61.6603, 9.8150, 23.4113

Details

The YIQ color **165.9450, 45.3910, -2.1370** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **154.0550, -45.3910, 2.1370**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6240, 41.8610, -4.2430**, and **113.3790, 41.1730, -2.7870** is the 20% darker color. If you saturate the color by 10%, you get **156.5070, 55.4320, -2.3920**, and if you desaturate by 10%, it is **174.7960, 35.6250, -1.3590**.

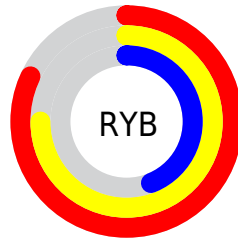
Distribution



Red (82%)

Green (61%)

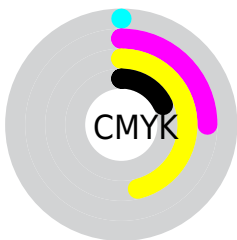
Blue (44%)



Red (82%)

Yellow (75%)

Blue (44%)

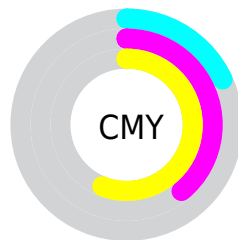


Cyan (0%)

Magenta (25%)

Yellow (46%)

Black (18%)



Cyan (18%)

Magenta (39%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.9450, 45.3910, -2.1370 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 165.9450, 45.3910, -2.1370 by changing the saturation by 10% instead.

165.9450, 45.3910,
-2.1370

165.9450, 45.3910,
-2.1370

255.0000, -0.0000,
-0.0000

139.1620, 43.2820,
-2.4620

217.6240, 41.8610,
-4.2430

113.3790, 41.1730,
-2.7870

237.8390, 24.8980,
-10.7020

88.7100, 38.7430,
-2.8010

251.0100, 11.2350,
-10.8850

64.5140, 36.3590,
-3.6490

254.2020, 2.2470,
-2.1770

42.0730, 33.2870,
-3.0410

21.9720, 23.5660,
2.4300

4.4850, 8.9400,

3.1800

■ 0.0000, 0.0000,
0.0000

■ 165.9450, 45.3910,
-2.1370

■ 165.9450, 45.3910,
-2.1370

■ 156.5070, 55.4320,
-2.3920

■ 174.7960, 35.6250,
-1.3590

■ 147.6560, 65.1980,
-3.1700

■ 184.2340, 25.5840,
-1.1040

■ 138.3320, 74.9180,
-3.1140


■ 192.9710, 16.1390,
-0.6370


■ 129.4810, 84.6840,
-3.8920


■ 202.4090, 6.0980,
-0.3820


■ 120.0430, 94.7250,
-4.1470


■ 211.2600, -3.6680,
0.3960

 116.7830, 98.3930,
-4.5430

 220.6980,
-13.7090, 0.6510

 229.2070,
-22.5120, 0.4960

 236.2510,
-25.8120, -5.7800

 240.9470,
-28.0120, -9.9640

Harmonies

Analogous

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



167.5410, 50.0650, 12.2810



165.9450, 45.3910, -2.1370



163.2430, 29.3920, -15.0560

Triad

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



165.9450, 45.3910, -2.1370



149.1230, -58.4070, -26.3030



168.5210, -7.9360, 22.6880

Complementary

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



165.9450, 45.3910, -2.1370



154.0550, -45.3910, 2.1370

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.



162.9620, -40.3950, 10.7170



165.9450, 45.3910, -2.1370



145.6770, -80.2780, -20.9020

Square

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



165.9450, 45.3910, -2.1370



155.5920, -26.1750, -26.7430



153.2090, -69.5520, -6.0320



170.4830, 21.5900, 27.2380

Rectangle

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



165.9450, 45.3910, -2.1370



161.6430, 13.3460, -21.6140



153.2090, -69.5520, -6.0320



167.5520, -18.3890, 19.3950

Sweetspot

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



165.9450, 45.3910, -2.1370



239.1560, 17.0560, -0.7360



146.8600, 39.8820, 37.1460



118.4480, 10.3620, -0.5660



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.



165.9450, 45.3910, -2.1370



193.2540, 66.3900, -2.7460



193.5340, 32.4660, -26.7180



100.2240, 5.1810, -0.2830



94.2570, 79.5030, -3.6090



22.8250, 19.4860, -0.7220

Inverse Universe

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



154.0550, -45.3910, 2.1370



176.1590, -66.1150, 3.2690



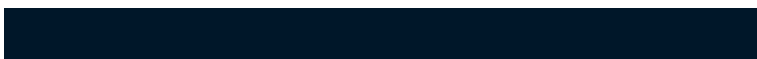
126.4660, -32.4660, 26.7180



98.7760, -5.1810, 0.2830



73.7430, -79.5030, 3.6090



18.1750, -19.4860, 0.7220

Previews

White Background



This preview shows how the YIQ color 165.9450, 45.3910, -2.1370 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 165.9450, 45.3910, -2.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

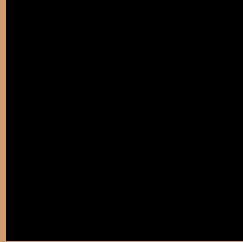
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.9450, 45.3910, -2.1370

Background



This preview shows how black text looks on a background with the YIQ color 165.9450, 45.3910, -2.1370.



This preview shows how white text looks on a background with the YIQ color 165.9450, 45.3910,

-2.1370.

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

165.9450, 45.3910, -2.1370

Protanopia

164.3010, 23.4770, -12.4830

Deuteranopia

165.4880, 39.2480, -6.4480



Tritanopia

169.0910, 34.0170, 16.7770

Trichromacy



Original Color

165.9450, 45.3910, -2.1370

Protanomaly

165.0140, 31.7750, -8.6810

Deuteranomaly

165.7980, 41.3110, -5.2890

Tritanomaly

168.0280, 38.3280, 10.2320

Monochromacy



Original Color

165.9450, 45.3910, -2.1370

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.8570, 16.4600, -0.9480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9450, 45.3910, -2.1370 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(208, 155, 112)` looks like.

```
.text, #text, p{  
    color:rgb(208, 155, 112)  
}
```

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(208, 155, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 155, 112) }
```

Border

The CSS property to change the border of an element to YIQ 165.9450, 45.3910, -2.1370 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(208, 155, 112) }
```


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

```
.border{ border-color:rgb(208, 155, 112) }
```

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

Here you see how a box with a 4 pixel rgb(208, 155, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 155, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 155, 112);  
box-shadow:4px 4px 4px 4px rgb(208, 155,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9450, 45.3910, -2.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 155, 112) }
```

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

```
.background{ background-color: rgb(208,  
155, 112) }
```

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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