

Converting Colors

YIQ(164.6470, 35.0270, 9.4830)

Have a look what the booklet for
YIQ(164.6470, 35.0270, 9.4830)
contains.

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Color

**YIQ(164.6470, 35.0270,
9.4830)**

Conversions

Conversions Part 1	
Format	Color
Hex	CC958E
RGB	204, 149, 142
RGB Percent	80%, 58%, 56%
CMY	0.1999, 0.4158, 0.4430
CMYK	0.00, 0.27, 0.30, 0.20
HSL	7°, 38%, 68%
HSV	7°, 30%, 80%
XYZ	40.5397, 36.2836, 30.4724
YIQ	164.6470, 35.0270, 9.4830

Conversions

Conversions Part 2

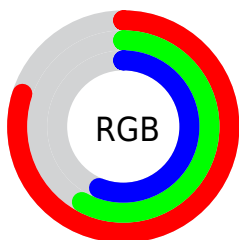
Format	Color
RYB	204, 150, 142
Decimal	13407630
CIELab	66.74, 19.75, 11.83
CIELCh	67, 23.021, 30.913
Yxy	36.2836, 0.3778, 0.3382
Android (android.graphics.Color)	4291597710 (0xFFCC958E)
YUV	164.6470, -11.1650, 34.5126
Hunter-Lab	60.2359, 14.7206, 12.1712

Details

The YIQ color **164.6470, 35.0270, 9.4830** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.3530, -35.0270, -9.4830**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.7500, 33.2390, 8.8470**, and **112.2660, 31.7260, 8.7340** is the 20% darker color. If you saturate the color by 10%, you get **151.8010, 46.3970, 12.6770**, and if you desaturate by 10%, it is **177.4930, 23.6570, 6.2890**.

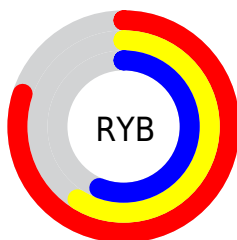
Distribution



Red (80%)

Green (58%)

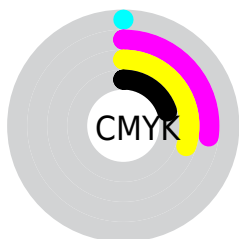
Blue (56%)



Red (80%)

Yellow (59%)

Blue (56%)

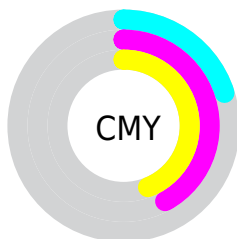


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.6470, 35.0270, 9.4830 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 164.6470, 35.0270, 9.4830 by changing the saturation by 10% instead.

 164.6470, 35.0270,
9.4830


 164.6470, 35.0270,
9.4830


255.0000, -0.0000,
-0.0000

 138.0490, 33.8350,
9.0590


 217.7500, 33.2390,
8.8470


 112.2660, 31.7260,
8.7340


 237.9650, 16.2760,
2.3880

 87.6680, 30.5340,
8.3100

254.6580, 0.9630,
-0.9330

 63.8850, 28.4250,
7.9850

 40.8030, 25.7200,
7.4480

 17.5750, 26.3620,
6.8260

 4.1860, 8.3440,

2.9680

0.0000, 0.0000,
0.0000

164.6470, 35.0270,
9.4830

164.6470, 35.0270,
9.4830

151.8010, 46.3970,
12.6770

177.4930, 23.6570,
6.2890

138.8410, 58.0880,
15.5600

190.4530, 11.9660,
3.4060

125.9950, 69.4580,
18.7540

203.2990, 0.5960,
0.2120

113.0350, 81.1490,
21.6370

216.2590,
-11.0950, -2.6710

99.6020, 92.7940,
25.3540

229.6920,
-22.7400, -6.3880

■ 86.7560, 104.1640,
28.5480

■ 239.7510,
-30.3960, -10.8120

■ 74.4970, 115.2590,
31.2190

Harmonies

Analogous

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



165.4540, 28.5610, 16.5370



164.6470, 35.0270, 9.4830



163.1810, 33.1030, 0.2950

Triad

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



164.6470, 35.0270, 9.4830



156.3210, -14.8060, -18.0220



160.6720, -28.0150, 6.6170

Complementary

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



164.6470, 35.0270, 9.4830



181.3530, -35.0270, -9.4830

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.



156.1490, -42.9600, -3.3760



164.6470, 35.0270, 9.4830



153.7950, -33.6960, -17.0880

Square

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



164.6470, 35.0270, 9.4830



159.3250, 5.7340, -15.8180



152.9110, -45.5260, -11.9420



164.6640, -7.2010, 14.8710

Rectangle

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



164.6470, 35.0270, 9.4830



162.2570, 26.7770, -6.2070



152.9110, -45.5260, -11.9420



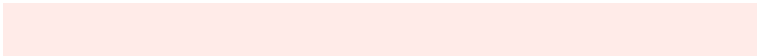
159.1550, -33.9290, 3.6630

Sweetspot

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



164.6470, 35.0270, 9.4830



240.6380, 12.8830, 3.3070



166.9220, 18.9760, 30.5600



118.6590, 8.3900, 2.1340



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.



164.6470, 35.0270, 9.4830



196.3780, 52.0820, 14.2740



182.2570, 26.7770, -6.2070



95.5770, 5.6850, 1.5970



60.7870, 93.7110, 25.2550



13.7100, 21.5480, 5.9640

Inverse Universe

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



181.3530, -35.0270, -9.4830



221.6220, -52.0820, -14.2740



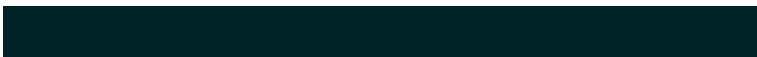
163.7430, -26.7770, 6.2070



98.4230, -5.6850, -1.5970



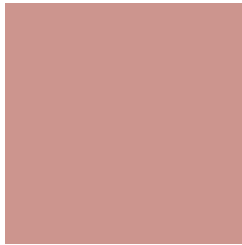
105.2130, -93.7110, -25.2550



24.2900, -21.5480, -5.9640

Previews

White Background



This preview shows how the YIQ color 164.6470, 35.0270, 9.4830 looks on a white background.

Color Contrast Check

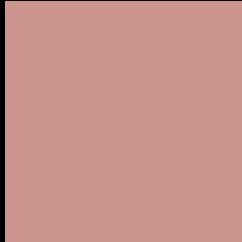
Large Text (above 18pt) WCAG AA × Fail

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 164.6470, 35.0270, 9.4830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

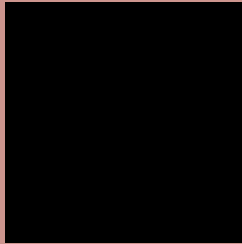
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.6470, 35.0270, 9.4830

Background



This preview shows how black text looks on a background with the YIQ color 164.6470, 35.0270, 9.4830.



This preview shows how white text looks on a background with the YIQ color 164.6470, 35.0270,

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

164.6470, 35.0270, 9.4830

Protanopia

162.6110, 8.3450, -2.5590

Deuteranopia





163.8470, 22.4200, 1.1720






Tritanopia

165.8950, 31.6330, 15.9290

Trichromacy

	Original Color 164.6470, 35.0270, 9.4830
	Protanomaly 163.2210, 18.4310, 1.8790
	Deuteranomaly 164.1790, 27.4170, 4.2250
	Tritanomaly 165.4990, 32.6880, 13.3280

Monochromacy

	Original Color 164.6470, 35.0270, 9.4830
	Achromatopsia 165.0000, -0.0000, -0.0000
	Achromatomaly 164.7520, 12.5620, 3.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.6470, 35.0270, 9.4830 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(204, 149, 142) looks like.

```
.text, #text, p{  
    color:rgb(204, 149, 142)  
}
```

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(204, 149, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 149, 142) }
```

Border

The CSS property to change the border of an element to YIQ 164.6470, 35.0270, 9.4830 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(204, 149, 142) }
```

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

```
.border{ border-color:rgb(204, 149, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 149, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 149, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 149, 142);  
box-shadow:4px 4px 4px 4px rgb(204, 149,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 164.6470, 35.0270, 9.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 149, 142) }
```

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

```
.background{ background-color: rgb(204,  
149, 142) }
```

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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