

Converting Colors

YIQ(168.5630, 34.6630, -5.9530)

Have a look what the booklet for
YIQ(168.5630, 34.6630, -5.9530)
contains.

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Color

**YIQ(168.5630, 34.6630,
-5.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A378
RGB	198, 163, 120
RGB Percent	78%, 64%, 47%
CMY	0.2235, 0.3608, 0.5292
CMYK	0.00, 0.18, 0.39, 0.22
HSL	33°, 41%, 62%
HSV	33°, 39%, 78%
XYZ	39.7799, 39.5540, 23.3212
YIQ	168.5630, 34.6630, -5.9530

Conversions

Conversions Part 2

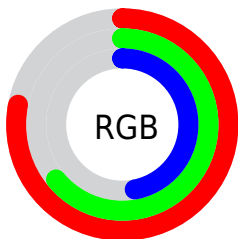
Format	Color
RYB	183, 198, 120
Decimal	13017976
CIELab	69.15, 6.98, 27.15
CIELCh	69, 28.031, 75.587
Yxy	39.5540, 0.3875, 0.3853
Android (android.graphics.Color)	4291208056 (0xFFC6A378)
YUV	168.5630, -23.9416, 25.8162
Hunter-Lab	62.8919, 2.8424, 22.0388

Details

The YIQ color **168.5630, 34.6630, -5.9530** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **149.4370, -34.6630, 5.9530**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.9330, 36.4970, -6.1510**, and **116.0080, 31.9120, -5.6560** is the 20% darker color. If you saturate the color by 10%, you get **161.0000, 43.5580, -7.4660**, and if you desaturate by 10%, it is **176.1260, 25.7680, -4.4400**.

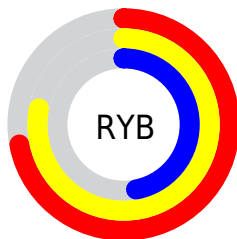
Distribution



Red (78%)

Green (64%)

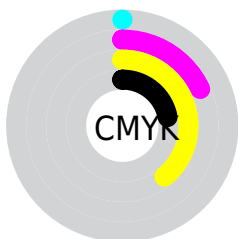
Blue (47%)



Red (72%)

Yellow (78%)

Blue (47%)

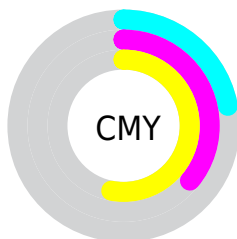


Cyan (0%)

Magenta (18%)

Yellow (39%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.5630, 34.6630, -5.9530 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 168.5630, 34.6630, -5.9530 by changing the saturation by 10% instead.


 168.5630, 34.6630,
-5.9530


 168.5630, 34.6630,
-5.9530


255.0000, -0.0000,
-0.0000

 142.0790, 33.1500,
-6.0660


 223.9330, 36.4970,
-6.1510


 116.0080, 31.9120,
-5.6560


 243.4470, 20.1300,
-12.3980

 91.2250, 29.8030,
-5.9810

 251.9220, 8.6670,
-8.3970

 67.4420, 27.6940,
-6.3060

 44.2030, 26.8690,
-7.8750

 25.1730, 18.3860,
-2.8140

 2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 168.5630, 34.6630,
-5.9530

■ 168.5630, 34.6630,
-5.9530

■ 161.0000, 43.5580,
-7.4660

■ 176.1260, 25.7680,
-4.4400

■ 153.4370, 52.4530,
-8.9790

■ 183.6890, 16.8730,
-2.9270

■ 145.9880, 61.0270,
-10.1810

■ 191.1380, 8.2990,
-1.7250

■ 138.4250, 69.9220,
-11.6940

■ 198.7010, -0.5960,
-0.2120

■ 131.4490, 78.5420,
-13.7300

■ 205.6770, -9.2160,
1.8240

■ 123.8860, 87.4370,
-15.2430

■ 213.2400,
-18.1110, 3.3370

■ 123.1850, 88.0330,
-15.0310

■ 220.3470,
-25.7220, 3.6060

■ 225.6300,
-28.1970, -1.1010

■ 230.9130,
-30.6720, -5.8080

Harmonies

Analogous

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



170.5460, 42.5010, 6.1890



168.5630, 34.6630, -5.9530



165.7840, 17.5630, -15.4370

Triad

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



168.5630, 34.6630, -5.9530



156.1610, -52.4020, -19.4900



172.5130, 3.7100, 20.8780

Complementary

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



168.5630, 34.6630, -5.9530



149.4370, -34.6630, 5.9530

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.



169.4110, -22.6060, 13.2180



168.5630, 34.6630, -5.9530



157.3100, -59.8310, -11.5030

Square

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



168.5630, 34.6630, -5.9530



159.1880, -30.6690, -22.3890



163.0440, -46.8580, 1.1900



172.4740, 25.8090, 22.3610

Rectangle

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



168.5630, 34.6630, -5.9530



164.1350, 3.2130, -19.6910



163.0440, -46.8580, 1.1900



171.9680, -5.0010, 19.0550

Sweetspot

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



168.5630, 34.6630, -5.9530



243.2480, 13.8010, -2.3190



147.3120, 35.2530, 27.4210



120.6650, 8.2530, -0.8910



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.



168.5630, 34.6630, -5.9530



209.6220, 53.3700, -9.0780



187.9120, 22.6540, -25.1060



95.6260, 3.9890, -0.7070



101.5670, 72.3980, -12.5140



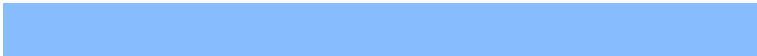
22.5040, 15.9560, -2.8280

Inverse Universe

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



149.4370, -34.6630, 5.9530



180.3780, -53.3700, 9.0780



130.0880, -22.6540, 25.1060



93.3740, -3.9890, 0.7070



61.4330, -72.3980, 12.5140



13.4960, -15.9560, 2.8280

Previews

White Background



This preview shows how the YIQ color 168.5630, 34.6630, -5.9530 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 168.5630, 34.6630, -5.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

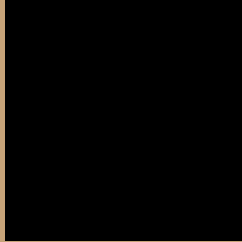
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.5630, 34.6630, -5.9530

Background



This preview shows how black text looks on a background with the YIQ color 168.5630, 34.6630, -5.9530.



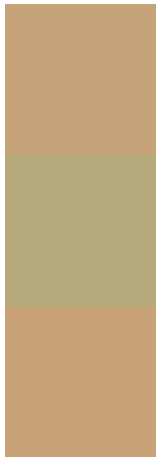
This preview shows how white text looks on a background with the YIQ color 168.5630, 34.6630, -5.9530.

-5.9530.

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

168.5630, 34.6630, -5.9530

Protanopia

167.6430, 22.5140, -11.5500

Deuteranopia

168.8730, 36.7260, -4.7940



Tritanopia

172.1220, 23.5640, 13.4840

Trichromacy



Original Color

168.5630, 34.6630, -5.9530

Protanomaly

168.1490, 26.9610, -9.5430

Deuteranomaly

168.5740, 36.1300, -5.0060

Tritanomaly

170.6460, 27.6000, 6.4160

Monochromacy



Original Color

168.5630, 34.6630, -5.9530

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.0630, 12.8840, -2.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.5630, 34.6630, -5.9530 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(198, 163, 120)` looks like.

```
.text, #text, p{  
    color:rgb(198, 163, 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(198, 163, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 163, 120) }
```

Border

The CSS property to change the border of an element to YIQ 168.5630, 34.6630, -5.9530 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(198, 163, 120) }
```


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

```
.border{ border-color:rgb(198, 163, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 163, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 163, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 163, 120);  
box-shadow:4px 4px 4px 4px rgb(198, 163,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 168.5630, 34.6630, -5.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 163, 120) }
```

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

```
.background{ background-color: rgb(198,  
163, 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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