

Converting Colors

YIQ(169.4930, 40.8520, -2.4760)

Have a look what the booklet for
YIQ(169.4930, 40.8520, -2.4760)
contains.

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Color

**YIQ(169.4930, 40.8520,
-2.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA078
RGB	207, 160, 120
RGB Percent	81%, 63%, 47%
CMY	0.1881, 0.3726, 0.5292
CMYK	0.00, 0.23, 0.42, 0.19
HSL	28°, 48%, 64%
HSV	28°, 42%, 81%
XYZ	41.6988, 39.7606, 23.2618
YIQ	169.4930, 40.8520, -2.4760

Conversions

Conversions Part 2

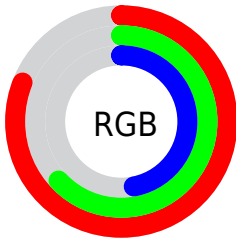
Format	Color
R_{YB}	207, 194, 120
Decimal	13607032
CIE _{Lab}	69.30, 12.26, 27.51
CIE _{LCh}	69, 30.113, 65.978
Yxy	39.7606, 0.3982, 0.3797
Android (android.graphics.Color)	4291797112 (0xFFCFA078)
YUV	169.4930, -24.4000, 32.8936
Hunter-Lab	63.0560, 7.6938, 22.2667

Details

The YIQ color **169.4930, 40.8520, -2.4760** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **157.5070, -40.8520, 2.4760**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1720, 37.3220, -4.5820**, and **117.2260, 37.2300, -2.9140** is the 20% darker color. If you saturate the color by 10%, you get **160.6420, 50.6180, -3.2540**, and if you desaturate by 10%, it is **178.3440, 31.0860, -1.6980**.

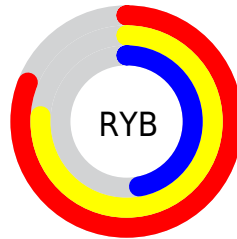
Distribution



Red (81%)

Green (63%)

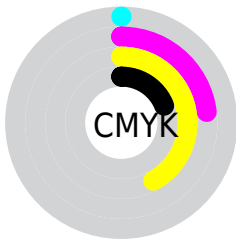
Blue (47%)



Red (81%)

Yellow (76%)

Blue (47%)

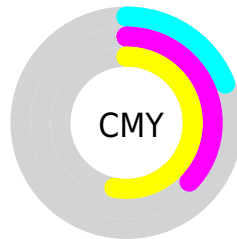


Cyan (0%)

Magenta (23%)

Yellow (42%)

Black (19%)



Cyan (19%)


Magenta (37%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 169.4930, 40.8520, -2.4760 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 169.4930, 40.8520, -2.4760 by changing the saturation by 10% instead.


 169.4930, 40.8520,
-2.4760


 169.4930, 40.8520,
-2.4760


255.0000, -0.0000,
-0.0000

 143.0090, 39.3390,
-2.5890


 222.1720, 37.3220,
-4.5820


 116.6390, 37.5050,
-2.3910


 241.6860, 20.9550,
-10.8290

 91.8560, 35.3960,
-2.7160

 251.9220, 8.6670,
-8.3970

 67.7740, 32.6910,
-3.2530

 44.5350, 31.8660,
-4.8220

 25.2060, 22.7870,
0.0270

 6.2790, 12.5160,

4.4520

■ 0.0000, 0.0000,
0.0000

■ 169.4930, 40.8520,
-2.4760

■ 169.4930, 40.8520,
-2.4760

■ 160.6420, 50.6180,
-3.2540

■ 178.3440, 31.0860,
-1.6980

■ 151.9050, 60.0630,
-3.7210

■ 187.0810, 21.6410,
-1.2310

■ 142.4670, 70.1040,
-3.9760

■ 196.5190, 11.6000,
-0.9760

■ 133.6160, 79.8700,
-4.7540

■ 205.3700, 1.8340,
-0.1980

■ 124.8790, 89.3150,
-5.2210

■ 214.2210, -7.9320,
0.5800

■ 117.6580, 97.2470,
-5.8010

■ 222.9580,
-17.3770, 1.0470

■ 230.6690,
-23.9330, -1.2850

■ 237.7130,
-27.2330, -7.5610

■ 240.6480,
-28.6080, -10.1760

Harmonies

Analogous

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



171.0350, 45.6180, 10.2740



169.4930, 40.8520, -2.4760



167.0300, 25.6780, -13.8260

Triad

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



169.4930, 40.8520, -2.4760



155.3520, -51.6220, -22.6140



172.0220, -5.0930, 20.7230

Complementary

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



169.4930, 40.8520, -2.4760



157.5070, -40.8520, 2.4760

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.



167.6700, -33.7010, 10.5470



169.4930, 40.8520, -2.4760



154.4400, -66.2490, -16.3370

Square

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



169.4930, 40.8520, -2.4760



159.6570, -24.8000, -24.1280



159.8360, -58.1360, -3.6720



173.6030, 21.1320, 24.5240

Rectangle

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



169.4930, 40.8520, -2.4760



165.4410, 11.0990, -19.4370



159.8360, -58.1360, -3.6720



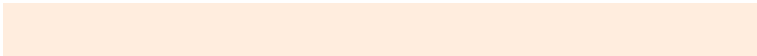
170.7650, -14.6750, 18.1650

Sweetspot

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



169.4930, 40.8520, -2.4760



240.6720, 15.5430, -0.8490



151.4850, 36.4440, 33.3720



118.5620, 10.0410, -0.2550



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.



169.4930, 40.8520, -2.4760



200.0190, 59.7420, -3.4100



194.7340, 29.0270, -24.9650



100.2240, 5.1810, -0.2830



95.4310, 78.9530, -4.6550



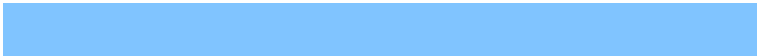
23.4120, 19.2110, -1.2450

Inverse Universe

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



157.5070, -40.8520, 2.4760



182.3940, -59.4670, 3.9330



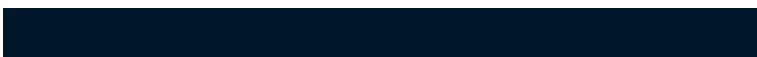
132.2660, -29.0270, 24.9650



98.7760, -5.1810, 0.2830



72.5690, -78.9530, 4.6550



17.5880, -19.2110, 1.2450

Previews

White Background



This preview shows how the YIQ color 169.4930, 40.8520, -2.4760 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 169.4930, 40.8520, -2.4760 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 169.4930, 40.8520, -2.4760

Background



This preview shows how black text looks on a background with the YIQ color 169.4930, 40.8520, -2.4760.



This preview shows how white text looks on a background with the YIQ color 169.4930, 40.8520,

-2.4760.

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

169.4930, 40.8520, -2.4760

Protanopia

167.7570, 22.1930, -11.2390

Deuteranopia

169.1720, 37.3220, -4.5820



Tritanopia

172.4110, 30.1200, 15.8160

Trichromacy



Original Color

169.4930, 40.8520, -2.4760

Protanomaly

168.5730, 28.7030, -8.0730

Deuteranomaly

169.1830, 38.7890, -3.6350

Tritanomaly

171.3480, 34.4310, 9.2710

Monochromacy



Original Color

169.4930, 40.8520, -2.4760

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.3730, 14.9470, -1.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.4930, 40.8520, -2.4760 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(207, 160, 120)` looks like.

```
.text, #text, p{  
    color:rgb(207, 160, 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(207, 160, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 160, 120) }
```

Border

The CSS property to change the border of an element to YIQ 169.4930, 40.8520, -2.4760 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(207, 160, 120) }
```


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

```
.border{ border-color:rgb(207, 160, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 160, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 160, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 160, 120);  
box-shadow:4px 4px 4px 4px rgb(207, 160,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 169.4930, 40.8520, -2.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 160, 120) }
```

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

```
.background{ background-color: rgb(207,  
160, 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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