

Converting Colors

YIQ(150.9640, 52.4070, -8.1450)

Have a look what the booklet for
YIQ(150.9640, 52.4070, -8.1450)
contains.

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Color

**YIQ(150.9640, 52.4070,
-8.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	C48E4F
RGB	196, 142, 79
RGB Percent	77%, 56%, 31%
CMY	0.2313, 0.4432, 0.6899
CMYK	0.00, 0.28, 0.60, 0.23
HSL	32°, 50%, 54%
HSV	32°, 60%, 77%
XYZ	33.8541, 31.6435, 11.7331
YIQ	150.9640, 52.4070, -8.1450

Conversions

Conversions Part 2

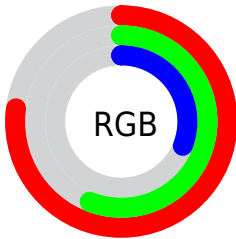
Format	Color
RYB	179, 196, 79
Decimal	12881487
CIELab	63.05, 13.71, 41.11
CIElCh	63, 43.340, 71.562
Yxy	31.6435, 0.4384, 0.4097
Android (android.graphics.Color)	4291071567 (0xFFC48E4F)
YUV	150.9640, -35.4783, 39.4966
Hunter-Lab	56.2525, 8.9837, 27.0101

Details

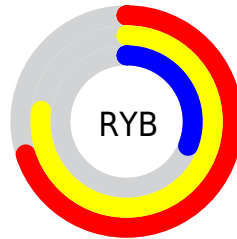
The YIQ color **150.9640, 52.4070, -8.1450** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **124.0360, -52.4070, 8.1450**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1170, 56.3500, -8.0180**, and **99.0990, 47.5930, -9.0070** is the 20% darker color. If you saturate the color by 10%, you get **143.4010, 61.3020, -9.6580**, and if you desaturate by 10%, it is **158.5270, 43.5120, -6.6320**.

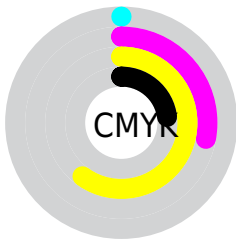
Distribution



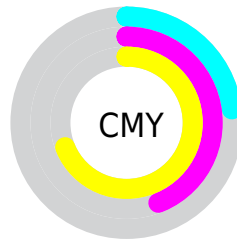
- Red (77%)
- Green (56%)
- Blue (31%)



- Red (70%)
- Yellow (77%)
- Blue (31%)



- Cyan (0%)
- Magenta (28%)
- Yellow (60%)
- Black (23%)



- Cyan (23%)
- Magenta (44%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.9640, 52.4070, -8.1450 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 150.9640, 52.4070, -8.1450 by changing the saturation by 10% instead.

■ 150.9640, 52.4070,
-8.1450

■ 150.9640, 52.4070,
-8.1450

■ 255.0000, -0.0000,
-0.0000

■ 124.2950, 49.9770,
-8.1590

■ 206.1170, 56.3500,
-8.0180

■ 99.0990, 47.5930,
-9.0070

■ 225.5170, 40.3040,
-14.5760

■ 73.5610, 46.1720,
-10.7880

■ 245.1450, 23.6160,
-20.5120

■ 52.4170, 38.0100,
-6.0380

■ 250.0980, 13.8030,
-13.3730

■ 32.0170, 27.6930,
-0.7790

■ 253.2900, 4.8150,
-4.6650

■ 10.1660, 20.2640,
7.2080

■ 0.0000, 0.0000,

0.0000

■ 150.9640, 52.4070,
-8.1450

■ 150.9640, 52.4070,
-8.1450

■ 143.4010, 61.3020,
-9.6580

■ 158.5270, 43.5120,
-6.6320

■ 135.9520, 69.8760,
-10.8600

■ 165.9760, 34.9380,
-5.4300

■ 128.3890, 78.7710,
-12.3730

■ 173.5390, 26.0430,
-3.9170

■ 120.9400, 87.3450,
-13.5750

■ 180.9880, 17.4690,
-2.7150

■ 120.2390, 87.9410,
-13.3630

■ 188.5510, 8.5740,
-1.2020

■ 196.1140, -0.3210,
0.3110

■ 203.5630, -8.8950,
1.5130

■ 211.1260,
-17.7900, 3.0260

■ 218.5750,
-26.3640, 4.2280

Harmonies

Analogous

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



152.9460, 61.9860, 10.9940



150.9640, 52.4070, -8.1450



147.9730, 29.8520, -23.3960

Triad

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



150.9640, 52.4070, -8.1450



120.5890, -101.1820, -38.5420



156.6840, -0.7850, 30.7590

Complementary

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



150.9640, 52.4070, -8.1450



124.0360, -52.4070, 8.1450

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.



149.6120, -44.9810, 16.7390



150.9640, 52.4070, -8.1450



122.9320, -111.9130, -25.7770

Square

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



150.9640, 52.4070, -8.1450



133.9910, -49.6480, -36.3680



121.3310, -117.0500, -15.2740



156.4680, 35.1140, 35.4500

Rectangle

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



150.9640, 52.4070, -8.1450



144.8500, 8.0290, -29.8830



121.3310, -117.0500, -15.2740



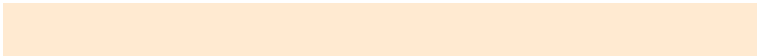
155.4480, -14.8600, 27.0280

Sweetspot

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



150.9640, 52.4070, -8.1450



237.4290, 20.5410, -3.3230



120.2530, 52.0770, 41.9090



117.0630, 12.8840, -2.2200



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.



150.9640, 52.4070, -8.1450



184.1290, 82.4390, -12.7690



181.4660, 35.1730, -37.2350



92.9250, 4.5850, -0.4950



98.6210, 72.3060, -10.8460



20.4330, 14.7180, -2.4180

Inverse Universe

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



124.0360, -52.4070, 8.1450



141.8710, -82.4390, 12.7690



93.5340, -35.1730, 37.2350



91.0750, -4.5850, 0.4950



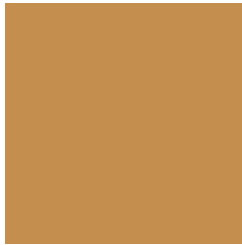
61.7920, -72.0310, 11.3690



12.5670, -14.7180, 2.4180

Previews

White Background



This preview shows how the YIQ color 150.9640, 52.4070, -8.1450 looks on a white background.

Color Contrast Check

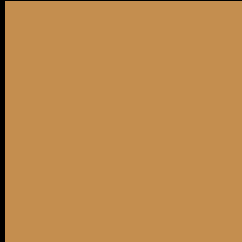
Large Text (above 18pt) WCAG AA × Fail

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 150.9640, 52.4070, -8.1450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

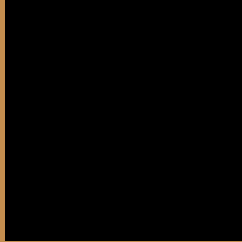
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.9640, 52.4070, -8.1450

Background



This preview shows how black text looks on a background with the YIQ color 150.9640, 52.4070, -8.1450.



This preview shows how white text looks on a background with the YIQ color 150.9640, 52.4070, -8.1450.

-8.1450.

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

150.9640, 52.4070, -8.1450

Protanopia

149.5050, 31.4100, -18.5900

Deuteranopia

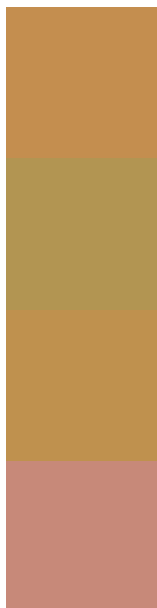
150.8060, 46.8600, -12.2440



Tritanopia

155.2870, 36.4010, 17.6250

Trichromacy



Original Color

150.9640, 52.4070, -8.1450

Protanomaly

150.0330, 38.7910, -14.6890

Deuteranomaly

151.1160, 48.9230, -11.0850

Tritanomaly

153.7140, 42.0880, 8.1680

Monochromacy



Original Color

150.9640, 52.4070, -8.1450

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.0590, 18.7070, -3.1250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.9640, 52.4070, -8.1450 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(196, 142, 79)` looks like.

```
.text, #text, p{  
    color:rgb(196, 142, 79)  
}
```

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(196, 142, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 142, 79) }
```

Border

The CSS property to change the border of an element to YIQ 150.9640, 52.4070, -8.1450 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(196, 142, 79) }
```


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

```
.border{ border-color:rgb(196, 142, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 142, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 142, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 142, 79);  
box-shadow:4px 4px 4px 4px rgb(196, 142,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 150.9640, 52.4070, -8.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 142, 79) }
```

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

```
.background{ background-color: rgb(196,  
142, 79) }
```

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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