

Converting Colors

YIQ(149.7650, 46.0780, 1.9340)

Have a look what the booklet for
YIQ(149.7650, 46.0780, 1.9340)
contains.

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Color

**YIQ(149.7650, 46.0780,
1.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	C38866
RGB	195, 136, 102
RGB Percent	76%, 53%, 40%
CMY	0.2352, 0.4667, 0.5998
CMYK	0.00, 0.30, 0.48, 0.24
HSL	22°, 44%, 58%
HSV	22°, 48%, 76%
XYZ	33.7151, 30.1678, 16.6302
YIQ	149.7650, 46.0780, 1.9340

Conversions

Conversions Part 2

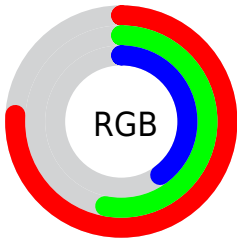
Format	Color
RYB	195, 156, 102
Decimal	12814438
CIELab	61.80, 18.60, 27.23
CIELCh	62, 32.976, 55.659
Yxy	30.1678, 0.4188, 0.3747
Android (android.graphics.Color)	4291004518 (0xFFC38866)
YUV	149.7650, -23.5481, 39.6711
Hunter-Lab	54.9252, 13.4506, 20.4959

Details

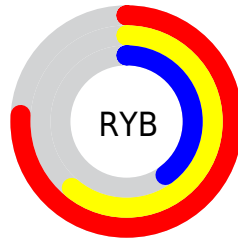
The YIQ color **149.7650, 46.0780, 1.9340** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **147.2350, -46.0780, -1.9340**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.9180, 50.0210, 2.0610**, and **98.1990, 41.8600, 1.2840** is the 20% darker color. If you saturate the color by 10%, you get **140.5550, 55.4770, 2.3010**, and if you desaturate by 10%, it is **159.0890, 36.3580, 1.8780**.

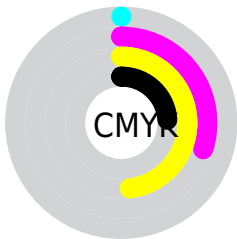
Distribution



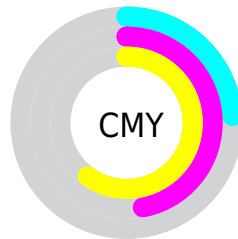
- Red (76%)
- Green (53%)
- Blue (40%)



- Red (76%)
- Yellow (61%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (48%)
- Black (24%)





- Cyan (24%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.7650, 46.0780, 1.9340 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 149.7650, 46.0780, 1.9340 by changing the saturation by 10% instead.


 149.7650, 46.0780,
1.9340


 149.7650, 46.0780,
1.9340


255.0000, -0.0000,
-0.0000


 123.3950, 44.2440,
2.1320


 204.3310, 50.2960,
2.5840

 98.3130, 41.5390,
1.5950


 224.1440, 34.5250,
-3.4510


 73.2310, 38.8340,
1.0580

 244.3590, 17.5620,
-9.9100

 50.0350, 36.4500,
0.2100

 252.8340, 6.0990,
-5.9090

 28.2070, 30.2140,
3.0940

 10.7640, 21.4560,
7.6320

 0.0000, 0.0000,

0.0000

■ 149.7650, 46.0780,
1.9340

■ 149.7650, 46.0780,
1.9340

■ 140.5550, 55.4770,
2.3010

■ 159.0890, 36.3580,
1.8780

■ 130.6440, 65.4720,
2.8800

■ 168.8860, 26.6840,
0.9880

■ 121.4340, 74.8710,
3.2470

■ 178.2100, 16.9640,
0.9320

■ 111.5230, 84.8660,
3.8260

■ 188.0070, 7.2900,
0.0420

■ 102.3130, 94.2650,
4.1930

■ 197.3310, -2.4300,
-0.0140

■ 99.9820, 96.6950,
4.2070

■ 206.5410,
-11.8290, -0.3810

■ 216.4520,
-21.8240, -0.9600

■ 225.3200,
-30.2600, -2.2600

■ 232.3640,
-33.5600, -8.5360

Harmonies

Analogous

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



150.9800, 47.4510, 15.6030



149.7650, 46.0780, 1.9340



147.8030, 33.7470, -11.3810

Triad

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



149.7650, 46.0780, 1.9340



134.5000, -49.2830, -26.4590



150.9220, -16.5550, 19.1970

Complementary

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



149.7650, 46.0780, 1.9340



147.2350, -46.0780, -1.9340

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.



143.3090, -48.9220, 5.5580



149.7650, 46.0780, 1.9340



127.4550, -79.7730, -24.5490

Square

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



149.7650, 46.0780, 1.9340



140.7950, -16.5010, -25.8530



132.5130, -76.5200, -11.9120



153.3510, 13.1540, 25.9380

Rectangle

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



149.7650, 46.0780, 1.9340



145.4590, 19.8560, -18.4480



132.5130, -76.5200, -11.9120



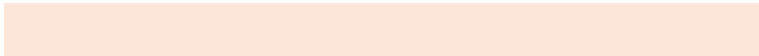
149.1270, -27.5580, 14.8580

Sweetspot

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



149.7650, 46.0780, 1.9340



235.0960, 17.2850, 0.6210



136.6470, 36.1680, 38.3760



117.2740, 10.9120, 0.4800



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.



149.7650, 46.0780, 1.9340



182.2810, 70.9280, 3.1200



176.1800, 33.7030, -21.6010



92.3380, 4.8600, 0.0280



82.7720, 79.7310, 3.2750



16.9110, 16.3680, 0.7200

Inverse Universe

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



147.2350, -46.0780, -1.9340



178.7190, -70.9280, -3.1200



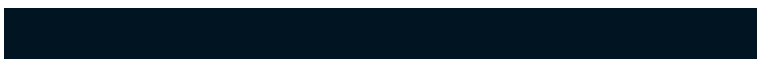
120.8200, -33.7030, 21.6010



91.6620, -4.8600, -0.0280



78.2280, -79.7310, -3.2750



16.0890, -16.3680, -0.7200

Previews

White Background



This preview shows how the YIQ color 149.7650, 46.0780, 1.9340 looks on a white background.

Color Contrast Check

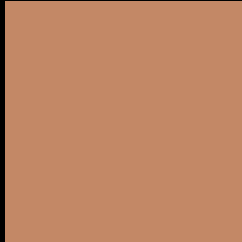
Large Text (above 18pt) WCAG AA × Fail

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 149.7650, 46.0780, 1.9340 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 149.7650, 46.0780, 1.9340

Background



This preview shows how black text looks on a background with the YIQ color 149.7650, 46.0780, 1.9340.



This preview shows how white text looks on a background with the YIQ color 149.7650, 46.0780,

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

149.7650, 46.0780, 1.9340

Protanopia

148.5010, 20.0380, -10.7300

Deuteranopia

148.9760, 34.9380, -5.4300



Tritanopia

152.1730, 36.7220, 17.3140

Trichromacy



Original Color

149.7650, 46.0780, 1.9340

Protanomaly

148.9260, 29.2070, -6.1930

Deuteranomaly

149.0090, 39.3390, -2.5890

Tritanomaly

151.4520, 40.0700, 11.7020

Monochromacy



Original Color

149.7650, 46.0780, 1.9340

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9110, 16.3680, 0.7200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7650, 46.0780, 1.9340 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(195, 136, 102)` looks like.

```
.text, #text, p{  
    color:rgb(195, 136, 102)  
}
```

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(195, 136, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 136, 102) }
```

Border

The CSS property to change the border of an element to YIQ 149.7650, 46.0780, 1.9340 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(195, 136, 102) }
```


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

```
.border{ border-color:rgb(195, 136, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 136, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 136, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 136, 102); box-shadow:4px 4px 4px 4px rgb(195, 136, 102) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7650, 46.0780, 1.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 136, 102) }
```

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

```
.background{ background-color: rgb(195,  
136, 102) }
```

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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