

Converting Colors

YIQ(150.1710, 39.0630, 2.4150)

Have a look what the booklet for
YIQ(150.1710, 39.0630, 2.4150)
contains.

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Color

**YIQ(150.1710, 39.0630,
2.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8A6F
RGB	189, 138, 111
RGB Percent	74%, 54%, 44%
CMY	0.2587, 0.4589, 0.5645
CMYK	0.00, 0.27, 0.41, 0.26
HSL	21°, 37%, 59%
HSV	21°, 41%, 74%
XYZ	32.9500, 30.1417, 19.1332
YIQ	150.1710, 39.0630, 2.4150

Conversions

Conversions Part 2

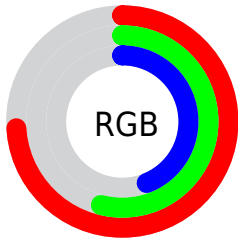
Format	Color
RYB	189, 152, 111
Decimal	12421743
CIELab	61.78, 16.00, 22.07
CIElCh	62, 27.264, 54.062
Yxy	30.1417, 0.4007, 0.3666
Android (android.graphics.Color)	4290611823 (0xFFBD8A6F)
YUV	150.1710, -19.3113, 34.0530
Hunter-Lab	54.9015, 11.0521, 17.7685

Details

The YIQ color **150.1710, 39.0630, 2.4150** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **149.8290, -39.0630, -2.4150**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.1390, 42.0890, 2.6410**, and **98.9040, 35.4410, 1.9770** is the 20% darker color. If you saturate the color by 10%, you get **140.9610, 48.4620, 2.7820**, and if you desaturate by 10%, it is **159.3810, 29.6640, 2.0480**.

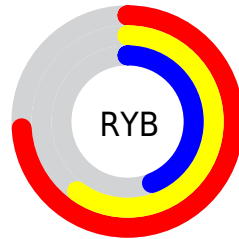
Distribution



Red (74%)

Green (54%)

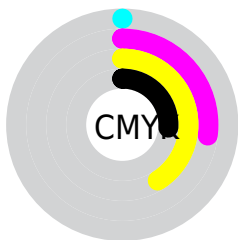
Blue (44%)



Red (74%)

Yellow (60%)

Blue (44%)

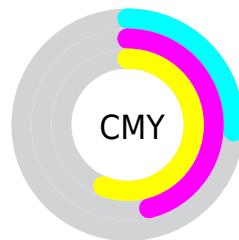


Cyan (0%)

Magenta (27%)

Yellow (41%)

Black (26%)



Cyan (26%)


Magenta (46%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.1710, 39.0630, 2.4150 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 150.1710, 39.0630, 2.4150 by changing the saturation by 10% instead.


 150.1710, 39.0630,
2.4150


 150.1710, 39.0630,
2.4150


255.0000, -0.0000,
-0.0000


 123.8010, 37.2290,
2.6130


 205.1390, 42.0890,
2.6410

 98.9040, 35.4410,
1.9770


 226.4580, 30.7650,
-1.3870


 74.2350, 33.0110,
1.9630

 246.6730, 13.8020,
-7.8460

 51.1530, 30.3060,
1.4260

 253.9740, 2.8890,
-2.7990

 29.3700, 28.1970,
1.1010

 10.1660, 20.2640,
7.2080

 0.0000, 0.0000,

0.0000

■ 150.1710, 39.0630,
2.4150

■ 150.1710, 39.0630,
2.4150

■ 140.9610, 48.4620,
2.7820

■ 159.3810, 29.6640,
2.0480

■ 131.1640, 58.1360,
3.6720

■ 169.1780, 19.9900,
1.1580

■ 121.9540, 67.5350,
4.0390

■ 178.3880, 10.5910,
0.7910

■ 112.1570, 77.2090,
4.9290

■ 187.5980, 1.1920,
0.4240

■ 103.0610, 86.2870,
5.6070

■ 197.3950, -8.4820,
-0.4660

■ 94.6660, 94.7690,
6.0730

■ 206.4910,
-17.5600, -1.1440

■ 216.2880,
-27.2340, -2.0340

■ 224.7000,
-34.3860, -4.5780

■ 231.7440,
-37.6860, -10.8540

Harmonies

Analogous

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



151.3210, 39.0610, 13.4690



150.1710, 39.0630, 2.4150



148.3450, 29.3450, -8.6950

Triad

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



150.1710, 39.0630, 2.4150



138.6050, -36.2170, -20.9610



150.7710, -14.8120, 15.1400

Complementary

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



150.1710, 39.0630, 2.4150



149.8290, -39.0630, -2.4150

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.



145.4580, -39.1560, 4.7800



150.1710, 39.0630, 2.4150



135.7740, -55.5660, -17.2140

Square

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



150.1710, 39.0630, 2.4150



142.2950, -11.9170, -20.8210



138.6850, -56.3930, -7.7290



153.0360, 9.4870, 20.8070

Rectangle

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



150.1710, 39.0630, 2.4150



146.6100, 18.1130, -14.3910



138.6850, -56.3930, -7.7290



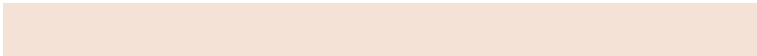
149.5850, -23.1560, 12.1720

Sweetspot

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



150.1710, 39.0630, 2.4150



230.4270, 14.8550, 0.6070



140.2500, 29.7960, 32.7080



113.6050, 8.4820, 0.4660



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.1710, 39.0630, 2.4150



184.0180, 61.4830, 3.5870



172.4770, 28.6130, -17.4590



89.4520, 4.5390, 0.3390



79.5270, 79.0430, 4.7310



15.7260, 15.4510, 0.8190

Inverse Universe

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



149.8290, -39.0630, -2.4150



183.5690, -61.7580, -4.1100



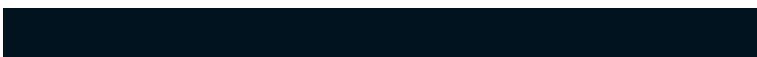
127.5230, -28.6130, 17.4590



89.5480, -4.5390, -0.3390



78.4730, -79.0430, -4.7310



15.2740, -15.4510, -0.8190

Previews

White Background



This preview shows how the YIQ color 150.1710, 39.0630, 2.4150 looks on a white background.

Color Contrast Check

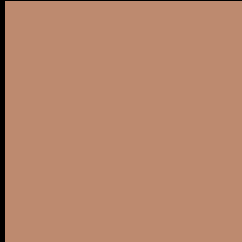
Large Text (above 18pt) WCAG AA × Fail

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 150.1710, 39.0630, 2.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

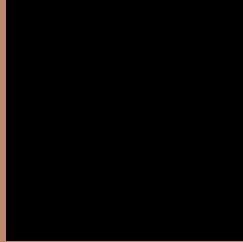
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.1710, 39.0630, 2.4150

Background



This preview shows how black text looks on a background with the YIQ color 150.1710, 39.0630, 2.4150.



This preview shows how white text looks on a background with the YIQ color 150.1710, 39.0630,

2.4150.

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

150.1710, 39.0630, 2.4150

Protanopia

148.2280, 16.5530, -8.1430

Deuteranopia

149.4040, 30.8570, -3.0550



Tritanopia

151.8950, 31.6330, 15.9290

Trichromacy



Original Color

150.1710, 39.0630, 2.4150

Protanomaly

148.9410, 24.8510, -4.3410

Deuteranomaly

149.4260, 33.7910, -1.1610

Tritanomaly

151.4020, 34.3390, 10.9390

Monochromacy



Original Color

150.1710, 39.0630, 2.4150

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.2420, 13.9380, 0.7060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.1710, 39.0630, 2.4150 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(189, 138, 111)` looks like.

```
.text, #text, p{  
    color:rgb(189, 138, 111)  
}
```

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(189, 138, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 138, 111) }
```

Border

The CSS property to change the border of an element to YIQ 150.1710, 39.0630, 2.4150 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(189, 138, 111) }
```


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

```
.border{ border-color:rgb(189, 138, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 138, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 138, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 138, 111);  
box-shadow:4px 4px 4px 4px rgb(189, 138,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 150.1710, 39.0630, 2.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 138, 111) }
```

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

```
.background{ background-color: rgb(189,  
138, 111) }
```

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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