

Converting Colors

YIQ(149.7220, 38.4690, -8.8510)

Have a look what the booklet for
YIQ(149.7220, 38.4690, -8.8510)
contains.

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Color

**YIQ(149.7220, 38.4690,
-8.8510)**

Conversions

Conversions Part 1

Format	Color
Hex	B5915C
RGB	181, 145, 92
RGB Percent	71%, 57%, 36%
CMY	0.2901, 0.4314, 0.6390
CMYK	0.00, 0.20, 0.49, 0.29
HSL	36°, 38%, 54%
HSV	36°, 49%, 71%
XYZ	31.1162, 30.8451, 14.4502
YIQ	149.7220, 38.4690, -8.8510

Conversions

Conversions Part 2

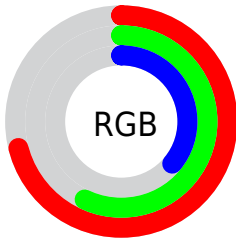
Format	Color
RYB	152, 181, 92
Decimal	11899228
CIELab	62.38, 6.77, 33.12
CIELCh	62, 33.802, 78.441
Yxy	30.8451, 0.4072, 0.4037
Android (android.graphics.Color)	4290089308 (0xFFB5915C)
YUV	149.7220, -28.4569, 27.4308
Hunter-Lab	55.5383, 2.8152, 23.4505

Details

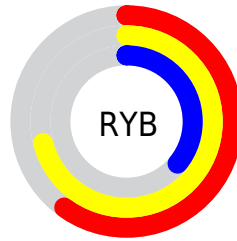
The YIQ color **149.7220, 38.4690, -8.8510** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **123.2780, -38.4690, 8.8510**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.5760, 41.8160, -8.9360**, and **98.4550, 34.8470, -9.2890** is the 20% darker color. If you saturate the color by 10%, you get **143.5610, 46.1720, -10.7880**, and if you desaturate by 10%, it is **155.8830, 30.7660, -6.9140**.

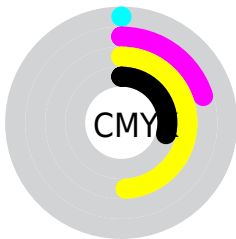
Distribution



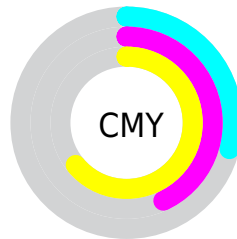
- Red (71%)
- Green (57%)
- Blue (36%)



- Red (60%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (20%)
- Yellow (49%)
- Black (29%)





- Cyan (29%)
- Magenta (43%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.7220, 38.4690, -8.8510 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 149.7220, 38.4690, -8.8510 by changing the saturation by 10% instead.


 149.7220, 38.4690,
-8.8510

 149.7220, 38.4690,
-8.8510


255.0000, -0.0000,
-0.0000

 123.3520, 36.6350,
-8.6530


 204.5760, 41.8160,
-8.9360


 98.4550, 34.8470,
-9.2890


 228.8740, 34.9850,
-11.7910

 73.6720, 32.7380,
-9.6140


 248.3880, 18.6180,
-18.0380

 50.8890, 30.6290,
-9.9390

 251.6940, 9.3090,
-9.0190

 31.0870, 21.5040,
-4.2560

254.8860, 0.3210,
-0.3110

 8.9370, 13.4790,
3.5190

 0.0000, 0.0000,

0.0000

■ 149.7220, 38.4690,
-8.8510

■ 149.7220, 38.4690,
-8.8510

■ 143.5610, 46.1720,
-10.7880

■ 155.8830, 30.7660,
-6.9140

■ 136.8130, 54.1500,
-12.2020

■ 162.6310, 22.7880,
-5.5000

■ 130.6520, 61.8530,
-14.1390

■ 168.7920, 15.0850,
-3.5630

■ 124.4910, 69.5560,
-16.0760

■ 174.9530, 7.3820,
-1.6260

■ 117.7430, 77.5340,
-17.4900

■ 181.8150, -0.9170,
0.0990

■ 117.5150, 78.1760,
-18.1120

■ 187.9760, -8.6200,
2.0360

■ 194.1370,
-16.3230, 3.9730

■ 200.8850,
-24.3010, 5.3870

■ 207.0460,
-32.0040, 7.3240

Harmonies

Analogous

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



151.8410, 48.9200, 5.4960



149.7220, 38.4690, -8.8510



147.0350, 18.1140, -19.9180

Triad

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



149.7220, 38.4690, -8.8510



128.6570, -77.5260, -26.7260



154.5290, 6.7810, 25.7970

Complementary

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



149.7220, 38.4690, -8.8510



123.2780, -38.4690, 8.8510

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.



150.9640, -25.5410, 16.8510



149.7220, 38.4690, -8.8510



129.5610, -85.6430, -17.2830

Square

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



149.7220, 38.4690, -8.8510



137.0940, -42.2680, -26.9400



142.2970, -57.8160, 1.5440



154.8170, 32.2730, 26.3610

Rectangle

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



149.7220, 38.4690, -8.8510



144.5320, 0.4170, -24.0870



142.2970, -57.8160, 1.5440



154.0870, -3.7180, 23.3380

Sweetspot

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



149.7220, 38.4690, -8.8510



222.0910, 15.6810, -3.3510



122.8290, 41.1670, 30.3750



109.9100, 8.9410, -2.3470



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



149.7220, 38.4690, -8.8510



186.2820, 60.0190, -13.9410



168.7610, 24.3970, -29.1630



86.2130, 3.7140, -1.2300



99.1640, 66.1630, -15.1570



16.5790, 11.3710, -2.3330

Inverse Universe

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



123.2780, -38.4690, 8.8510



144.7180, -60.0190, 13.9410



104.2390, -24.3970, 29.1630



83.3740, -3.9890, 0.7070



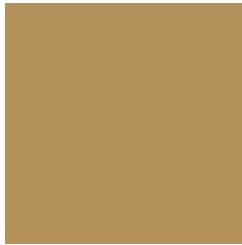
53.8360, -66.1630, 15.1570



8.8340, -11.0960, 2.8560

Previews

White Background



This preview shows how the YIQ color 149.7220, 38.4690, -8.8510 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 149.7220, 38.4690, -8.8510 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 149.7220, 38.4690, -8.8510

Background



This preview shows how black text looks on a background with the YIQ color 149.7220, 38.4690, -8.8510.



This preview shows how white text looks on a background with the YIQ color 149.7220, 38.4690, -8.8510.

-8.8510.

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

149.7220, 38.4690, -8.8510

Protanopia

148.6880, 26.6410, -14.7590

Deuteranopia

149.7330, 39.9360, -7.9040



Tritanopia

153.6060, 25.0770, 13.5970

Trichromacy



Original Color

149.7220, 38.4690, -8.8510

Protanomaly

149.1940, 31.0880, -12.7520

Deuteranomaly

149.4340, 39.3400, -8.1160

Tritanomaly

152.3750, 29.8010, 5.0730

Monochromacy



Original Color

149.7220, 38.4690, -8.8510

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.7210, 13.8470, -3.1530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7220, 38.4690, -8.8510 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(181, 145, 92)` looks like.

```
.text, #text, p{  
    color:rgb(181, 145, 92)  
}
```

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(181, 145, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 145, 92) }
```

Border

The CSS property to change the border of an element to YIQ 149.7220, 38.4690, -8.8510 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(181, 145, 92) }
```


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

```
.border{ border-color:rgb(181, 145, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 145, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 145, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 145, 92);  
box-shadow:4px 4px 4px 4px rgb(181, 145,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7220, 38.4690, -8.8510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 145, 92) }
```

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

```
.background{ background-color: rgb(181,  
145, 92) }
```

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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