

Converting Colors

YIQ(158.4080, 42.2290,
-10.9150)

Have a look what the booklet for
YIQ(158.4080, 42.2290, -10.9150)
contains.

YIQ(158.4080, 42.2290, -10.9150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(158.4080, 42.2290,
-10.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	C09A5D
RGB	192, 154, 93
RGB Percent	75%, 60%, 36%
CMY	0.2470, 0.3961, 0.6351
CMYK	0.00, 0.20, 0.52, 0.25
HSL	37°, 44%, 56%
HSV	37°, 52%, 75%
XYZ	35.2728, 35.1054, 15.2856
YIQ	158.4080, 42.2290, -10.9150

Conversions

Conversions Part 2

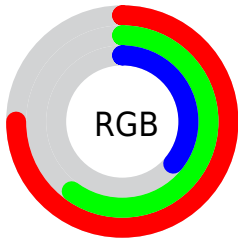
Format	Color
RYB	155, 192, 93
Decimal	12622429
CIELab	65.83, 6.59, 37.14
CIELCh	66, 37.723, 79.935
Yxy	35.1054, 0.4118, 0.4098
Android (android.graphics.Color)	4290812509 (0xFFC09A5D)
YUV	158.4080, -32.2461, 29.4602
Hunter-Lab	59.2498, 2.5780, 26.1789

Details

The YIQ color **158.4080, 42.2290, -10.9150** 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 **126.5920, -42.2290, 10.9150**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2620, 45.5760, -11.0000**, and **106.2550, 38.2860, -11.0420** is the 20% darker color. If you saturate the color by 10%, you get **152.1330, 50.2530, -13.1630**, and if you desaturate by 10%, it is **164.6830, 34.2050, -8.6670**.

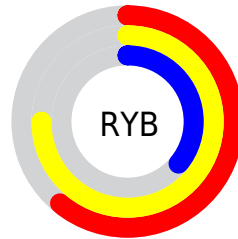
Distribution



Red (75%)

Green (60%)

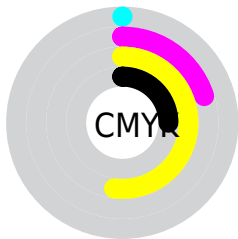
Blue (36%)



Red (61%)

Yellow (75%)

Blue (36%)

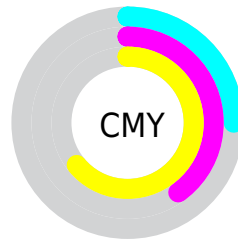


Cyan (0%)

Magenta (20%)

Yellow (52%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.4080, 42.2290, -10.9150 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 158.4080, 42.2290, -10.9150 by changing the saturation by 10% instead.


 158.4080, 42.2290,
-10.9150


 158.4080, 42.2290,
-10.9150


255.0000, -0.0000,
-0.0000


 132.0380, 40.3950,
-10.7170


 213.3760, 45.2550,
-10.6890


 106.2550, 38.2860,
-11.0420


 234.2710, 32.1890,
-16.1870


 81.3580, 36.4980,
-11.6780

 248.6160, 17.9760,
-17.4160

 57.6890, 34.0680,
-11.6920

 251.8080, 8.9880,
-8.7080

 37.5880, 24.3470,
-6.2210

 18.6720, 15.5430,
-0.8490

 0.0000, 0.0000,

0.0000

■ 158.4080, 42.2290,
-10.9150

■ 158.4080, 42.2290,
-10.9150

■ 152.1330, 50.2530,
-13.1630

■ 164.6830, 34.2050,
-8.6670

■ 145.2710, 58.5520,
-14.8880

■ 171.5450, 25.9060,
-6.9420

■ 138.8820, 66.8970,
-17.4470

■ 177.9340, 17.5610,
-4.3830

■ 132.0200, 75.1960,
-19.1720

■ 184.7960, 9.2620,
-2.6580

■ 126.6740, 81.9820,
-21.0100

■ 191.0710, 1.2380,
-0.4100

■ 197.3460, -6.7860,
1.8380

■ 204.2080,
-15.0850, 3.5630

■ 210.5970,
-23.4300, 6.1220

■ 215.6180,
-27.9230, 4.9490

Harmonies

Analogous

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



160.3640, 54.6970, 5.4250



158.4080, 42.2290, -10.9150



155.2260, 18.8940, -23.0420

Triad

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



158.4080, 42.2290, -10.9150



125.2340, -107.3720, -36.4920



164.3060, 9.0270, 29.1470

Complementary

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



158.4080, 42.2290, -10.9150



126.5920, -42.2290, 10.9150

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.



160.3600, -26.5960, 19.4520



158.4080, 42.2290, -10.9150



126.4910, -114.9850, -25.1690

Square

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



158.4080, 42.2290, -10.9150



143.0820, -51.1620, -30.9540



150.1050, -66.0230, 1.6010



163.5620, 37.5450, 29.9370

Rectangle

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



158.4080, 42.2290, -10.9150



152.6410, -1.5080, -27.7480



150.1050, -66.0230, 1.6010



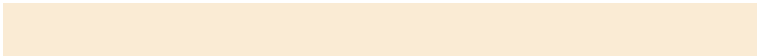
163.6790, -2.3890, 26.7870

Sweetspot

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



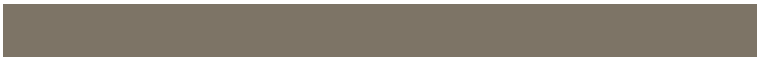
158.4080, 42.2290, -10.9150



236.8630, 16.3230, -3.9730



127.1610, 46.1640, 33.4280



117.0950, 9.8580, -2.4460



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



158.4080, 42.2290, -10.9150



197.1100, 66.2550, -16.8250



177.7240, 25.8190, -32.9090



93.5120, 4.3100, -1.0180



106.2520, 68.7310, -17.6450



21.6070, 14.1680, -3.4640

Inverse Universe

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



126.5920, -42.2290, 10.9150



147.3030, -65.9800, 17.3480



107.2760, -25.8190, 32.9090



90.4880, -4.3100, 1.0180



54.7480, -68.7310, 17.6450



11.3930, -14.1680, 3.4640

Previews

White Background



This preview shows how the YIQ color 158.4080, 42.2290, -10.9150 looks on a white background.

Color Contrast Check

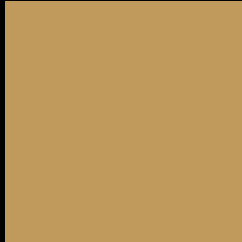
Large Text (above 18pt) WCAG AA × Fail

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 158.4080, 42.2290, -10.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

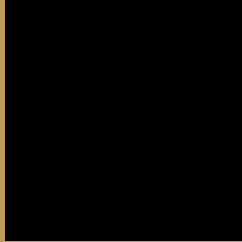
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.4080, 42.2290, -10.9150

Background



This preview shows how black text looks on a background with the YIQ color 158.4080, 42.2290, -10.9150.



This preview shows how white text looks on a background with the YIQ color 158.4080, 42.2290, -10.9150.

-10.9150.

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

158.4080, 42.2290, -10.9150

Protanopia

157.0750, 29.8050, -17.0350

Deuteranopia

158.7180, 44.2920, -9.7560



Tritanopia

162.9160, 27.1400, 14.7560

Trichromacy



Original Color

158.4080, 42.2290, -10.9150

Protanomaly

157.5810, 34.2520, -15.0280

Deuteranomaly

158.4190, 43.6960, -9.9680

Tritanomaly

161.3430, 32.8270, 5.2990

Monochromacy



Original Color

158.4080, 42.2290, -10.9150

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.2650, 15.1310, -4.3970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.4080, 42.2290, -10.9150 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(192, 154, 93)` looks like.

```
.text, #text, p{  
    color:rgb(192, 154, 93)  
}
```

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(192, 154, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 154, 93) }
```

Border

The CSS property to change the border of an element to YIQ 158.4080, 42.2290, -10.9150 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(192, 154, 93) }
```


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

```
.border{ border-color:rgb(192, 154, 93) }
```

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

Here you see how a box with a 4 pixel rgb(192, 154, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 154, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 154, 93);  
box-shadow:4px 4px 4px 4px rgb(192, 154,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 158.4080, 42.2290, -10.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 154, 93) }
```

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

```
.background{ background-color: rgb(192,  
154, 93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor