

Converting Colors

YIQ(158.4460, 39.0660,
-14.1660)

Have a look what the booklet for
YIQ(158.4460, 39.0660, -14.1660)
contains.

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Color

**YIQ(158.4460, 39.0660,
-14.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9D5B
RGB	187, 157, 91
RGB Percent	73%, 62%, 36%
CMY	0.2666, 0.3843, 0.6429
CMYK	0.00, 0.16, 0.51, 0.27
HSL	41°, 41%, 55%
HSV	41°, 51%, 73%
XYZ	34.4408, 35.4316, 14.9332
YIQ	158.4460, 39.0660, -14.1660

Conversions

Conversions Part 2

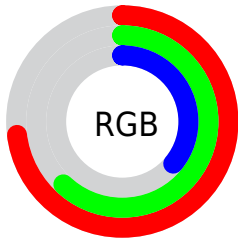
Format	Color
RYB	135, 187, 91
Decimal	12295515
CIELab	66.08, 2.66, 38.38
CIELCh	66, 38.475, 86.042
Yxy	35.4316, 0.4061, 0.4178
Android (android.graphics.Color)	4290485595 (0xFFBB9D5B)
YUV	158.4460, -33.2509, 25.0419
Hunter-Lab	59.5245, -0.8879, 26.7928

Details

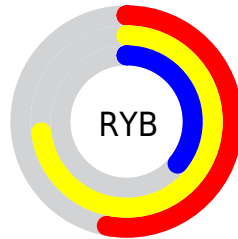
The YIQ color **158.4460, 39.0660, -14.1660** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **119.5540, -39.0660, 14.1660**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3000, 42.4130, -14.2510**, and **106.1790, 35.4440, -14.6040** is the 20% darker color. If you saturate the color by 10%, you get **152.7580, 46.8150, -16.9370**, and if you desaturate by 10%, it is **164.1340, 31.3170, -11.3950**.

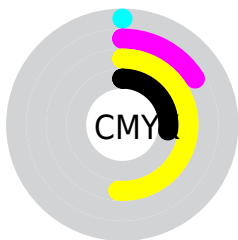
Distribution



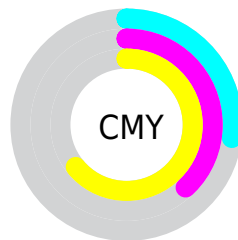
- Red (73%)
- Green (62%)
- Blue (36%)



- Red (53%)
- Yellow (73%)
- Blue (36%)



- Cyan (0%)
- Magenta (16%)
- Yellow (51%)
- Black (27%)





- Cyan (27%)
- Magenta (38%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.4460, 39.0660, -14.1660 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 158.4460, 39.0660, -14.1660 by changing the saturation by 10% instead.


 158.4460, 39.0660,
-14.1660


 158.4460, 39.0660,
-14.1660


255.0000, -0.0000,
-0.0000


 131.9620, 37.5530,
-14.2790


 213.4140, 42.0920,
-13.9400


 106.1790, 35.4440,
-14.6040


 236.3910, 31.7310,
-18.9010

 81.5810, 34.2520,
-15.0280


 248.3880, 18.6180,
-18.0380

 58.2540, 30.8590,
-14.1090

 251.5800, 9.6300,
-9.3300

 38.4520, 21.7340,
-8.4260

254.8860, 0.3210,
-0.3110

 18.6500, 12.6090,
-2.7430

 0.0000, 0.0000,

0.0000

■ 158.4460, 39.0660,
-14.1660

■ 158.4460, 39.0660,
-14.1660

■ 152.7580, 46.8150,
-16.9370

■ 164.1340, 31.3170,
-11.3950

■ 147.1840, 54.2430,
-19.3970

■ 169.7080, 23.8890,
-8.9350

■ 141.4960, 61.9920,
-22.1680

■ 175.3960, 16.1400,
-6.1640

■ 136.3950, 69.4660,
-25.4620

■ 180.4970, 8.6660,
-2.8700

■ 131.6360, 75.9770,
-27.8230

■ 186.1850, 0.9170,
-0.0990

■ 191.7590, -6.5110,
2.3610

■ 197.4470,
-14.2600, 5.1320

■ 203.1350,
-22.0090, 7.9030

■ 208.2530,
-28.1530, 9.1190

Harmonies

Analogous

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



160.6580, 53.6890, 1.6650



158.4460, 39.0660, -14.1660



155.1220, 13.2550, -25.4730

Triad

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



158.4460, 39.0660, -14.1660



126.1460, -109.9400, -34.0040



165.3670, 16.2250, 30.8570

Complementary

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



158.4460, 39.0660, -14.1660



119.5540, -39.0660, 14.1660

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.



162.4750, -19.4900, 22.8300



158.4460, 39.0660, -14.1660



131.9590, -107.3750, -19.9110

Square

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



158.4460, 39.0660, -14.1660



140.9820, -62.6240, -32.4800



152.8610, -59.2840, 6.1240



164.3730, 42.4510, 29.1310

Rectangle

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



158.4460, 39.0660, -14.1660



151.8790, -8.1100, -29.2460



152.8610, -59.2840, 6.1240



165.1530, 5.0840, 29.0200

Sweetspot

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



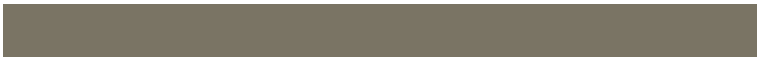
158.4460, 39.0660, -14.1660



231.4390, 14.5810, -5.4430



123.1240, 47.5860, 29.6820



115.9700, 8.7120, -3.7040



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.



158.4460, 39.0660, -14.1660



197.3110, 61.0750, -22.0690



170.6740, 20.0880, -33.6720



91.2130, 3.7140, -1.2300



111.2250, 64.1930, -23.5110



21.5960, 12.7010, -4.4110

Inverse Universe

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



119.5540, -39.0660, 14.1660



136.6890, -61.0750, 22.0690



107.3260, -20.0880, 33.6720



87.7870, -3.7140, 1.2300



46.7750, -64.1930, 23.5110



9.4040, -12.7010, 4.4110

Previews

White Background



This preview shows how the YIQ color 158.4460, 39.0660, -14.1660 looks on a white background.

Color Contrast Check

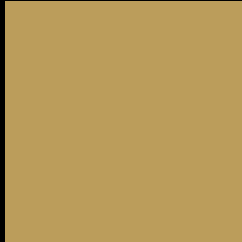
Large Text (above 18pt) WCAG AA × Fail

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 158.4460, 39.0660, -14.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

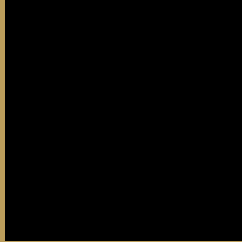
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.4460, 39.0660, -14.1660

Background



This preview shows how black text looks on a background with the YIQ color 158.4460, 39.0660, -14.1660.



This preview shows how white text looks on a background with the YIQ color 158.4460, 39.0660, -14.1660.

-14.1660.

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

158.4460, 39.0660, -14.1660

Protanopia

157.6190, 31.0890, -18.2790

Deuteranopia

158.9030, 45.2090, -9.8550



Tritanopia

163.4100, 22.6930, 12.7490

Trichromacy



Original Color

158.4460, 39.0660, -14.1660

Protanomaly

158.2280, 33.7480, -16.9080

Deuteranomaly

158.5930, 43.1460, -11.0140

Tritanomaly

161.7230, 28.7010, 2.9810

Monochromacy



Original Color

158.4460, 39.0660, -14.1660

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.5530, 14.2600, -5.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.4460, 39.0660, -14.1660 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(187, 157, 91)` looks like.

```
.text, #text, p{  
    color:rgb(187, 157, 91)  
}
```

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(187, 157, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 157, 91) }
```

Border

The CSS property to change the border of an element to YIQ 158.4460, 39.0660, -14.1660 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(187, 157, 91) }
```


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

```
.border{ border-color:rgb(187, 157, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 157, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 157, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 157, 91);  
box-shadow:4px 4px 4px 4px rgb(187, 157,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 158.4460, 39.0660, -14.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 157, 91) }
```

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

```
.background{ background-color: rgb(187,  
157, 91) }
```

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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