

# Converting Colors

YIQ(146.8200, 44.2450, -3.3950)

Have a look what the booklet for  
YIQ(146.8200, 44.2450, -3.3950)  
contains.

<b>YIQ(146.8200, 44.2450, -3.3950)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(146.8200, 44.2450,  
-3.3950)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB895C
RGB	187, 137, 92
RGB Percent	73%, 54%, 36%
CMY	0.2666, 0.4628, 0.6390
CMYK	0.00, 0.27, 0.51, 0.27
HSL	28°, 41%, 55%
HSV	28°, 51%, 73%
XYZ	31.3760, 29.2267, 14.1251
YIQ	146.8200, 44.2450, -3.3950

# Conversions

## Conversions Part 2

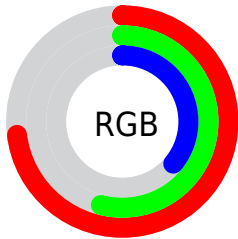
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 178, 92
Decimal	12290396
CIE <sub>Lab</sub>	60.98, 13.74, 31.48
CIE <sub>LCh</sub>	61, 34.350, 66.415
Yxy	29.2267, 0.4199, 0.3911
Android (android.graphics.Color)	4290480476 (0xFFBB895C)
YUV	146.8200, -27.0263, 35.2379
Hunter-Lab	54.0617, 8.9886, 22.3520

# Details

The YIQ color **146.8200, 44.2450, -3.3950** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **132.1800, -44.2450, 3.3950**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0870, 47.8670, -2.9570**, and **95.3680, 39.7060, -3.7340** is the 20% darker color. If you saturate the color by 10%, you get **138.7840, 53.0940, -4.0740**, and if you desaturate by 10%, it is **154.8560, 35.3960, -2.7160**.

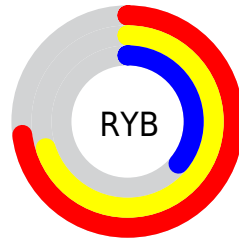
# Distribution



Red (73%)

Green (54%)

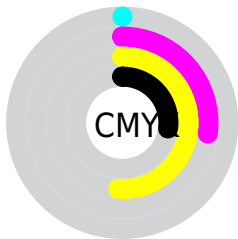
Blue (36%)



Red (73%)

Yellow (70%)

Blue (36%)

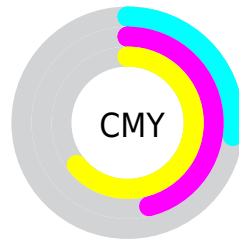


Cyan (0%)

Magenta (27%)

Yellow (51%)

Black (27%)



Cyan (27%)

Magenta (46%)


Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 146.8200, 44.2450, -3.3950 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 146.8200, 44.2450, -3.3950 by changing the saturation by 10% instead.





 146.8200, 44.2450,  
-3.3950


 146.8200, 44.2450,  
-3.3950


255.0000, -0.0000,  
-0.0000


 121.0370, 42.1360,  
-3.7200


 201.0870, 47.8670,  
-2.9570

 95.3680, 39.7060,  
-3.7340


 223.5910, 37.4600,  
-7.0840

 71.1720, 37.3220,  
-4.5820


 243.6920, 20.8180,  
-13.8540

 47.9760, 34.9380,  
-5.4300

 251.5800, 9.6300,  
-9.3300

 27.8750, 25.2170,  
0.0410

254.8860, 0.3210,  
-0.3110

 8.6710, 17.2840,  
6.1480

 0.0000, 0.0000,

0.0000

■ 146.8200, 44.2450,  
-3.3950

■ 146.8200, 44.2450,  
-3.3950

■ 138.7840, 53.0940,  
-4.0740

■ 154.8560, 35.3960,  
-2.7160

■ 130.8620, 61.6220,  
-4.4420

■ 162.7780, 26.8680,  
-2.3480

■ 122.8260, 70.4710,  
-5.1210

■ 170.8140, 18.0190,  
-1.6690

■ 115.3770, 79.0450,  
-6.3230

■ 178.2630, 9.4450,  
-0.4670

■ 107.5690, 87.2520,  
-6.3800

■ 186.2990, 0.5960,  
0.2120

■ 194.2210, -7.9320,  
0.5800

■ 202.2570,  
-16.7810, 1.2590

■ 210.2930,  
-25.6300, 1.9380

■ 217.6450,  
-32.5530, 0.7510

# Harmonies

## Analogous

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



148.7150, 49.5150, 11.2350



146.8200, 44.2450, -3.3950



144.2320, 27.9250, -16.0030

# Triad

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



146.8200, 44.2450, -3.3950



127.1760, -65.9260, -27.7020



150.3040, -5.8270, 23.0130

# Complementary

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



146.8200, 44.2450, -3.3950



132.1800, -44.2450, 3.3950

# 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.



144.5600, -39.2030, 11.1410



146.8200, 44.2450, -3.3950



116.4400, -101.7800, -27.7000

# Square

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



146.8200, 44.2450, -3.3950



135.6240, -29.2010, -26.9690



132.8280, -72.8530, -6.7810



151.2660, 23.6990, 27.5630



# Rectangle

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



146.8200, 44.2450, -3.3950



142.1590, 11.8330, -21.7270



132.8280, -72.8530, -6.7810



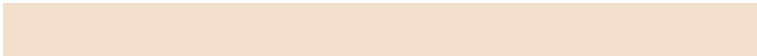
149.0360, -16.8760, 19.5080

# Sweetspot

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



146.8200, 44.2450, -3.3950



226.7430, 16.7810, -1.2590



126.2190, 40.2490, 36.0010



113.0350, 10.0870, -1.0890



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.



146.8200, 44.2450, -3.3950



179.3420, 68.9580, -5.2340



174.4090, 31.3200, -27.9760



90.0390, 4.2640, -0.1840



91.2670, 73.5430, -5.7290



17.4870, 14.6260, -0.7500



# Inverse Universe

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



132.1800, -44.2450, 3.3950



156.6580, -68.9580, 5.2340



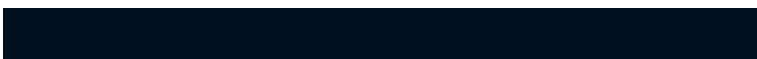
104.5910, -31.3200, 27.9760



88.9610, -4.2640, 0.1840



66.7330, -73.5430, 5.7290



12.9260, -14.3510, 1.2730



# Previews

## White Background



This preview shows how the YIQ color 146.8200, 44.2450, -3.3950 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

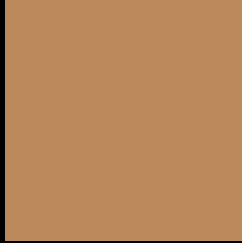
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 146.8200, 44.2450, -3.3950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

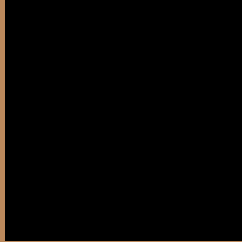
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 146.8200, 44.2450, -3.3950

## Background



This preview shows how black text looks on a background with the YIQ color 146.8200, 44.2450, -3.3950.



This preview shows how white text looks on a background with the YIQ color 146.8200, 44.2450,

-3.3950.

# 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

146.8200, 44.2450, -3.3950

### Protanopia

145.0730, 24.1190, -13.1050

### Deuteranopia

146.3630, 38.1020, -7.7060



## Tritanopia

150.0800, 32.5500, 15.8300

# Trichromacy



## Original Color

146.8200, 44.2450, -3.3950

## Protanomaly

145.6010, 31.5000, -9.2040

## Deuteranomaly

146.6730, 40.1650, -6.5470

## Tritanomaly

148.9030, 37.1820, 8.9740

# Monochromacy



## Original Color

146.8200, 44.2450, -3.3950

## Achromatopsia

147.0000, -0.0000, 0.0000

## Achromatomaly

146.8570, 16.4600, -0.9480

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 146.8200, 44.2450, -3.3950 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, 137, 92)` looks like.

```
.text, #text, p{  
    color:rgb(187, 137, 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(187, 137, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 137, 92) }
```

## Border

The CSS property to change the border of an element to YIQ 146.8200, 44.2450, -3.3950 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, 137, 92) }
```



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

```
.border{ border-color:rgb(187, 137, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 137, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 137, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 137, 92);  
box-shadow:4px 4px 4px 4px rgb(187, 137,  
92) }
```

# Background

The CSS property to change the background color of an element to YIQ 146.8200, 44.2450, -3.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 137, 92) }
```

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

```
.background{ background-color: rgb(187,  
137, 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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