

Converting Colors

YIQ(138.9440, 47.1320, 4.8600)

Have a look what the booklet for
YIQ(138.9440, 47.1320, 4.8600)
contains.

YIQ(138.9440, 47.1320, 4.8600)	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(138.9440, 47.1320,
4.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7B5F
RGB	187, 123, 95
RGB Percent	73%, 48%, 37%
CMY	0.2665, 0.5177, 0.6272
CMYK	0.00, 0.34, 0.49, 0.27
HSL	18°, 40%, 55%
HSV	18°, 49%, 73%
XYZ	29.6495, 25.5555, 14.2092
YIQ	138.9440, 47.1320, 4.8600

Conversions

Conversions Part 2

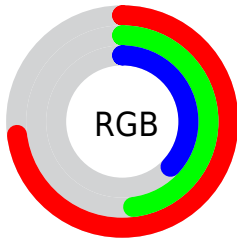
Format	Color
R_{YB}	187, 135, 95
Decimal	12286815
CIE _{Lab}	57.61, 21.81, 25.47
CIE _{LCh}	58, 33.531, 49.436
Yxy	25.5555, 0.4271, 0.3682
Android (android.graphics.Color)	4290476895 (0xFFBB7B5F)
YUV	138.9440, -21.6644, 42.1451
Hunter-Lab	50.5525, 16.2251, 18.7217

Details

The YIQ color **138.9440, 47.1320, 4.8600** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **143.0560, -47.1320, -4.8600**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2110, 50.7540, 5.2980**, and **88.0790, 42.3180, 3.9980** is the 20% darker color. If you saturate the color by 10%, you get **129.1470, 56.8060, 5.7500**, and if you desaturate by 10%, it is **148.7410, 37.4580, 3.9700**.

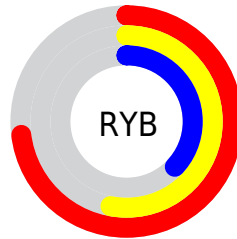
Distribution



Red (73%)

Green (48%)

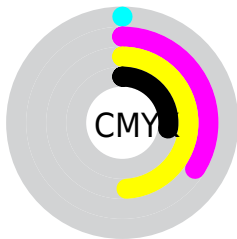
Blue (37%)



Red (73%)

Yellow (53%)

Blue (37%)

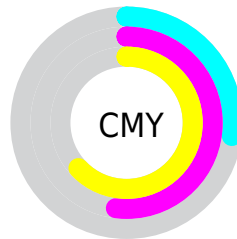


Cyan (0%)

Magenta (34%)

Yellow (49%)

Black (27%)



Cyan (27%)

Magenta (52%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.9440, 47.1320, 4.8600 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 138.9440, 47.1320, 4.8600 by changing the saturation by 10% instead.


 138.9440, 47.1320,
4.8600


 138.9440, 47.1320,
4.8600


255.0000, -0.0000,
-0.0000


 113.1610, 45.0230,
4.5350


 193.5100, 51.3500,
5.5100

 88.0790, 42.3180,
3.9980


 215.0140, 40.9430,
1.3830


 63.5240, 39.5670,
4.2950

 235.2290, 23.9800,
-5.0760

 39.6870, 37.5500,
2.3020

 251.9220, 8.6670,
-8.3970

 18.7710, 28.7460,
7.6740

 7.2900, 13.9830,
5.3990

 0.0000, 0.0000,

0.0000

■ 138.9440, 47.1320,
4.8600

■ 138.9440, 47.1320,
4.8600

■ 129.1470, 56.8060,
5.7500

■ 148.7410, 37.4580,
3.9700

■ 119.4640, 66.1590,
6.9510

■ 158.4240, 28.1050,
2.7690

■ 109.6670, 75.8330,
7.8410

■ 168.2210, 18.4310,
1.8790

■ 99.8700, 85.5070,
8.7310

■ 178.0180, 8.7570,
0.9890

■ 90.1870, 94.8600,
9.9320

■ 187.8150, -0.9170,
0.0990

■ 89.3720, 95.7770,
9.8330

■ 197.4980,
-10.2700, -1.1020

■ 207.2950,
-19.9440, -1.9920

■ 217.0920,
-29.6180, -2.8820

■ 225.8630,
-36.4030, -6.5710

Harmonies

Analogous

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



140.0770, 45.8000, 17.9920



138.9440, 47.1320, 4.8600



137.2380, 36.9560, -8.9640

Triad

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



138.9440, 47.1320, 4.8600



124.0230, -43.5060, -26.5300



138.9210, -23.9820, 16.1300

Complementary

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



138.9440, 47.1320, 4.8600



143.0560, -47.1320, -4.8600

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.



129.4820, -56.8990, 1.4450



138.9440, 47.1320, 4.8600



111.2860, -86.7870, -29.5950

Square

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



138.9440, 47.1320, 4.8600



130.7310, -10.4490, -25.4010



112.0760, -94.5830, -20.4630



142.3010, 7.4230, 25.1750

Rectangle

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



138.9440, 47.1320, 4.8600



135.5520, 24.0280, -16.9640



112.0760, -94.5830, -20.4630



136.5390, -34.7100, 12.3140

Sweetspot

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



138.9440, 47.1320, 4.8600



223.2210, 18.4310, 1.8790



129.8040, 34.2880, 39.4080



110.6870, 11.1870, 1.0030



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.



138.9440, 47.1320, 4.8600



167.5850, 73.1280, 7.3040



165.9460, 34.4820, -19.1980



89.4520, 4.5390, 0.3390



75.4180, 80.9680, 8.3920



14.5520, 16.0010, 1.8650

Inverse Universe

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



143.0560, -47.1320, -4.8600



174.0020, -73.4030, -7.8270



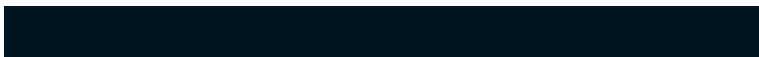
116.0540, -34.4820, 19.1980



89.5480, -4.5390, -0.3390



82.5820, -80.9680, -8.3920



15.8610, -15.7260, -1.3420

Previews

White Background



This preview shows how the YIQ color 138.9440, 47.1320, 4.8600 looks on a white background.

Color Contrast Check

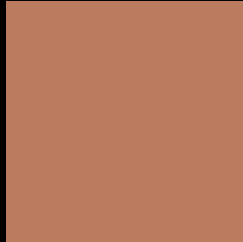
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9440, 47.1320, 4.8600 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 138.9440, 47.1320, 4.8600

Background



This preview shows how black text looks on a background with the YIQ color 138.9440, 47.1320, 4.8600.



This preview shows how white text looks on a background with the YIQ color 138.9440, 47.1320,

4.8600.

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

138.9440, 47.1320, 4.8600

Protanopia

137.7720, 17.8370, -9.3870

Deuteranopia

138.3070, 32.5080, -5.4440



Tritanopia

141.1410, 39.7480, 17.5400

Trichromacy



Original Color

138.9440, 47.1320, 4.8600

Protanomaly

138.0940, 28.7940, -4.2140

Deuteranomaly

138.4650, 38.0550, -1.3450

Tritanomaly

140.0610, 42.7290, 13.0730

Monochromacy



Original Color

138.9440, 47.1320, 4.8600

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.7370, 16.9180, 1.7660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.9440, 47.1320, 4.8600 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, 123, 95)` looks like.

```
.text, #text, p{  
    color:rgb(187, 123, 95)  
}
```

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, 123, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 123, 95) }
```

Border

The CSS property to change the border of an element to YIQ 138.9440, 47.1320, 4.8600 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, 123, 95) }
```


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

```
.border{ border-color:rgb(187, 123, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 123, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 123, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 123, 95);  
box-shadow:4px 4px 4px 4px rgb(187, 123,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 138.9440, 47.1320, 4.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 123, 95) }
```

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

```
.background{ background-color: rgb(187,  
123, 95) }
```

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