

Converting Colors

YIQ(147.6400, 44.9320, 0.6760)

Have a look what the booklet for
YIQ(147.6400, 44.9320, 0.6760)
contains.

YIQ(147.6400, 44.9320, 0.6760)	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(147.6400, 44.9320,
0.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8763
RGB	191, 135, 99
RGB Percent	75%, 53%, 39%
CMY	0.2509, 0.4707, 0.6116
CMYK	0.00, 0.29, 0.48, 0.25
HSL	23°, 42%, 57%
HSV	23°, 48%, 75%
XYZ	32.4083, 29.3032, 15.7656
YIQ	147.6400, 44.9320, 0.6760

Conversions

Conversions Part 2

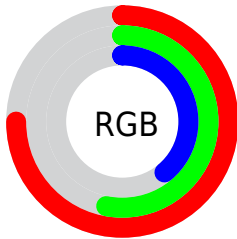
Format	Color
R_{YB}	191, 158, 99
Decimal	12552035
CIE Lab	61.05, 17.20, 27.82
CIE LCh	61, 32.710, 58.268
Yxy	29.3032, 0.4183, 0.3782
Android (android.graphics.Color)	4290742115 (0xFFBF8763)
YUV	147.6400, -23.9795, 38.0267
Hunter-Lab	54.1325, 12.1334, 20.6251

Details

The YIQ color **147.6400, 44.9320, 0.6760** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **142.3600, -44.9320, -0.6760**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9070, 48.5540, 1.1140**, and **96.1880, 40.3930, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **138.4300, 54.3310, 1.0430**, and if you desaturate by 10%, it is **156.8500, 35.5330, 0.3090**.

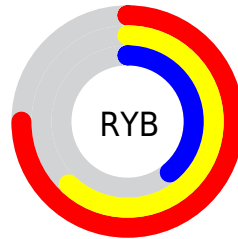
Distribution



Red (75%)

Green (53%)

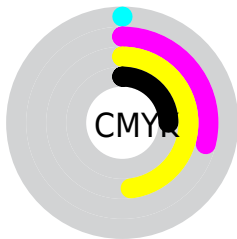
Blue (39%)



Red (75%)

Yellow (62%)

Blue (39%)

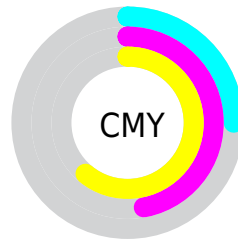


Cyan (0%)

Magenta (29%)

Yellow (48%)

Black (25%)



Cyan (25%)


Magenta (47%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.6400, 44.9320, 0.6760 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 147.6400, 44.9320, 0.6760 by changing the saturation by 10% instead.


 147.6400, 44.9320,
0.6760


 147.6400, 44.9320,
0.6760


255.0000, -0.0000,
-0.0000


 121.8570, 42.8230,
0.3510


 201.9070, 48.5540,
1.1140


 96.1880, 40.3930,
0.3370


 223.2150, 35.7630,
-3.8610


 72.1060, 37.6880,
-0.2000

 243.4300, 18.8000,
-10.3200

 48.0950, 36.2210,
-1.1470

 252.4920, 7.0620,
-6.8420

 27.3100, 28.4260,
2.4580

 9.8670, 19.6680,
6.9960

 0.0000, 0.0000,

0.0000

■ 147.6400, 44.9320,
0.6760

■ 147.6400, 44.9320,
0.6760

■ 138.4300, 54.3310,
1.0430

■ 156.8500, 35.5330,
0.3090

■ 129.8070, 63.4550,
0.8870

■ 165.4730, 26.4090,
0.4650

■ 120.5970, 72.8540,
1.2540

■ 174.6830, 17.0100,
0.0980

■ 111.3870, 82.2530,
1.6210

■ 183.8930, 7.6110,
-0.2690

■ 102.7640, 91.3770,
1.4650

■ 192.6300, -1.8340,
0.1980

■ 101.1340, 93.2110,
1.2670

■ 201.8400,
-11.2330, -0.1690

■ 210.4630,
-20.3570, -0.0130

■ 219.6730,
-29.7560, -0.3800

■ 227.0590,
-34.0190, -5.7230

Harmonies

Analogous

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



149.0400, 47.2220, 14.2460



147.6400, 44.9320, 0.6760



145.4930, 31.6840, -12.5400

Triad

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



147.6400, 44.9320, 0.6760



132.2440, -51.4380, -25.9500



149.0040, -13.8500, 19.7340

Complementary

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



147.6400, 44.9320, 0.6760



142.3600, -44.9320, -0.6760

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.



142.8040, -45.9420, 6.6180



147.6400, 44.9320, 0.6760



124.7970, -80.7360, -23.6160

Square

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



147.6400, 44.9320, 0.6760



138.2400, -19.2520, -25.5560



131.5350, -73.5860, -10.0180



151.6070, 15.3090, 25.4290

Rectangle

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



147.6400, 44.9320, 0.6760



143.6760, 17.7470, -18.7730



131.5350, -73.5860, -10.0180



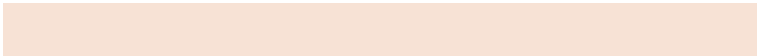
147.6220, -24.5780, 15.9180

Sweetspot

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



147.6400, 44.9320, 0.6760



230.7970, 16.6890, 0.4090



133.0060, 36.5350, 37.2310



114.9750, 10.3160, 0.2680



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.



147.6400, 44.9320, 0.6760



179.6290, 69.8280, 1.0280



174.0550, 32.5570, -22.8590



90.0390, 4.2640, -0.1840



83.6360, 77.1180, 1.0700



16.3130, 15.1760, 0.2960

Inverse Universe

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



142.3600, -44.9320, -0.6760



171.3710, -69.8280, -1.0280



115.9450, -32.5570, 22.8590



89.5480, -4.5390, -0.3390



74.3640, -77.1180, -1.0700



14.6870, -15.1760, -0.2960

Previews

White Background



This preview shows how the YIQ color 147.6400, 44.9320, 0.6760 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 147.6400, 44.9320, 0.6760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

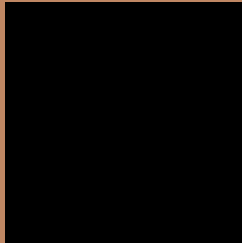
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.6400, 44.9320, 0.6760

Background



This preview shows how black text looks on a background with the YIQ color 147.6400, 44.9320, 0.6760.



This preview shows how white text looks on a background with the YIQ color 147.6400, 44.9320,

0.6760.

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

147.6400, 44.9320, 0.6760

Protanopia

146.2730, 20.6800, -11.3520

Deuteranopia

146.8620, 35.2590, -5.7410



Tritanopia

150.1620, 35.2550, 16.3670

Trichromacy



Original Color

147.6400, 44.9320, 0.6760

Protanomaly

146.6980, 29.8490, -6.8150

Deuteranomaly

147.1830, 38.7890, -3.6350

Tritanomaly

149.3270, 38.9240, 10.4440

Monochromacy



Original Color

147.6400, 44.9320, 0.6760

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.7970, 16.6890, 0.4090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.6400, 44.9320, 0.6760 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(191, 135, 99)` looks like.

```
.text, #text, p{  
    color:rgb(191, 135, 99)  
}
```

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(191, 135, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 135, 99) }
```

Border

The CSS property to change the border of an element to YIQ 147.6400, 44.9320, 0.6760 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(191, 135, 99) }
```


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

```
.border{ border-color:rgb(191, 135, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 135, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 135, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 135, 99);  
box-shadow:4px 4px 4px 4px rgb(191, 135,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 147.6400, 44.9320, 0.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 135, 99) }
```

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

```
.background{ background-color: rgb(191,  
135, 99) }
```

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