

Converting Colors

YIQ(145.1770, 38.9260, -0.6100)

Have a look what the booklet for
YIQ(145.1770, 38.9260, -0.6100)
contains.

YIQ(145.1770, 38.9260, -0.6100)	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(145.1770, 38.9260,
-0.6100)**

Conversions

Conversions Part 1

Format	Color
Hex	B68765
RGB	182, 135, 101
RGB Percent	71%, 53%, 40%
CMY	0.2862, 0.4706, 0.6037
CMYK	0.00, 0.26, 0.44, 0.29
HSL	25°, 36%, 56%
HSV	25°, 44%, 71%
XYZ	30.3093, 28.2108, 16.1715
YIQ	145.1770, 38.9260, -0.6100

Conversions

Conversions Part 2

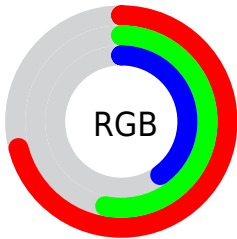
Format	Color
R_{YB}	182, 160, 101
Decimal	11962213
CIE _{Lab}	60.08, 13.67, 25.25
CIE _{LCh}	60, 28.718, 61.569
Yxy	28.2108, 0.4058, 0.3777
Android (android.graphics.Color)	4290152293 (0xFFB68765)
YUV	145.1770, -21.7793, 32.2938
Hunter-Lab	53.1138, 8.9114, 19.1277

Details

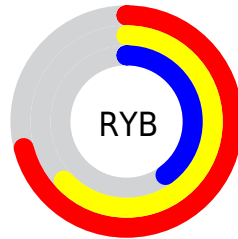
The YIQ color **145.1770, 38.9260, -0.6100** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **137.8230, -38.9260, 0.6100**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.4440, 42.5480, -0.1720**, and **94.0240, 34.9830, -0.7370** is the 20% darker color. If you saturate the color by 10%, you get **136.6680, 47.7290, -0.4550**, and if you desaturate by 10%, it is **153.6860, 30.1230, -0.7650**.

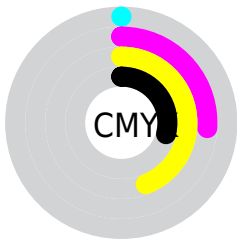
Distribution



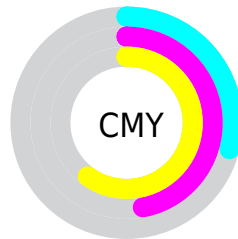
- Red (71%)
- Green (53%)
- Blue (40%)



- Red (71%)
- Yellow (63%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)
- Black (29%)





- Cyan (29%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.1770, 38.9260, -0.6100 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 145.1770, 38.9260, -0.6100 by changing the saturation by 10% instead.


 145.1770, 38.9260,
-0.6100


 145.1770, 38.9260,
-0.6100


255.0000, -0.0000,
-0.0000


 119.3940, 36.8170,
-0.9350


 199.4440, 42.5480,
-0.1720


 94.0240, 34.9830,
-0.7370


 223.4430, 35.1210,
-3.2390


 69.9420, 32.2780,
-1.2740

 243.6580, 18.1580,
-9.6980

 46.9310, 30.8110,
-2.2210

 252.7200, 6.4200,
-6.2200

 26.1030, 24.5750,
0.6630

 8.1870, 15.7710,
6.0350

 0.0000, 0.0000,

0.0000

■ 145.1770, 38.9260,
-0.6100

■ 145.1770, 38.9260,
-0.6100

■ 136.6680, 47.7290,
-0.4550

■ 153.6860, 30.1230,
-0.7650

■ 128.7460, 56.2570,
-0.8230

■ 161.6080, 21.5950,
-0.3970

■ 120.1230, 65.3810,
-0.9790

■ 170.2310, 12.4710,
-0.2410

■ 112.2010, 73.9090,
-1.3470

■ 178.1530, 3.9430,
0.1270

■ 103.6920, 82.7120,
-1.1920

■ 186.6620, -4.8600,
-0.0280

■ 99.0300, 87.5720,
-1.1640

■ 194.5840,
-13.3880, 0.3400

■ 203.0930,
-22.1910, 0.1850

■ 211.7160,
-31.3150, 0.3410

■ 218.4980,
-36.6330, -2.4010

Harmonies

Analogous

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



146.8220, 41.9040, 11.5040



145.1770, 38.9260, -0.6100



143.3830, 26.1820, -11.9460

Triad

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



145.1770, 38.9260, -0.6100



132.2880, -45.5700, -22.1620



147.2880, -8.8980, 18.0940

Complementary

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



145.1770, 38.9260, -0.6100



137.8230, -38.9260, 0.6100

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.



142.3060, -35.6720, 7.7200



145.1770, 38.9260, -0.6100



129.4680, -63.4520, -17.4680

Square

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



145.1770, 38.9260, -0.6100



136.3480, -19.4360, -22.2200



134.3690, -58.3190, -5.8630



148.7980, 16.0890, 22.3050

Rectangle

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



145.1770, 38.9260, -0.6100



141.2780, 13.1160, -17.4440



134.3690, -58.3190, -5.8630



145.9170, -18.1590, 15.2250

Sweetspot

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



145.1770, 38.9260, -0.6100



222.9000, 14.9010, -0.2270



130.5770, 33.1890, 31.7890



111.3770, 9.1240, -0.1560



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



145.1770, 38.9260, -0.6100



179.7850, 60.5210, -1.0070



168.6570, 27.9260, -21.5300



87.4520, 4.5390, 0.3390



84.7990, 75.1010, -0.9230



15.4160, 13.3880, -0.3400

Inverse Universe

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



137.8230, -38.9260, 0.6100



168.2150, -60.5210, 1.0070



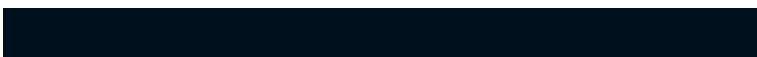
114.3430, -27.9260, 21.5300



86.9610, -4.2640, 0.1840



70.6140, -74.8260, 1.4460



12.5840, -13.3880, 0.3400

Previews

White Background



This preview shows how the YIQ color 145.1770, 38.9260, -0.6100 looks on a white background.

Color Contrast Check

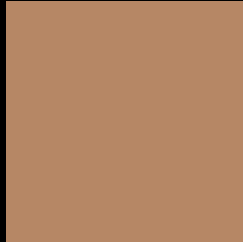
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.1770, 38.9260, -0.6100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

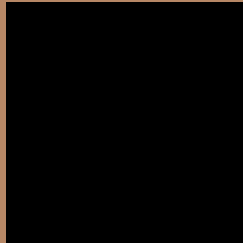
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.1770, 38.9260, -0.6100

Background



This preview shows how black text looks on a background with the YIQ color 145.1770, 38.9260, -0.6100.



This preview shows how white text looks on a background with the YIQ color 145.1770, 38.9260, -0.6100.

-0.6100.

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

145.1770, 38.9260, -0.6100

Protanopia

143.7290, 19.3960, -10.1080

Deuteranopia

144.7200, 32.7830, -4.9210



Tritanopia

147.8840, 30.1660, 14.9820

Trichromacy



Original Color

145.1770, 38.9260, -0.6100

Protanomaly

143.9580, 26.1810, -6.4190

Deuteranomaly

145.0300, 34.8460, -3.7620

Tritanomaly

147.1630, 33.5140, 9.3700

Monochromacy



Original Color

145.1770, 38.9260, -0.6100

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.7150, 13.9840, -0.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.1770, 38.9260, -0.6100 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(182, 135, 101)` looks like.

```
.text, #text, p{  
    color:rgb(182, 135, 101)  
}
```

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(182, 135, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 135, 101) }
```

Border

The CSS property to change the border of an element to YIQ 145.1770, 38.9260, -0.6100 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(182, 135, 101) }
```


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

```
.border{ border-color:rgb(182, 135, 101) }
```

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

Here you see how a box with a 4 pixel rgb(182, 135, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 135, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 135, 101);  
box-shadow:4px 4px 4px 4px rgb(182, 135,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 145.1770, 38.9260, -0.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 135, 101) }
```

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

```
.background{ background-color: rgb(182,  
135, 101) }
```

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