

Converting Colors

YIQ(145.7730, 34.4320, 3.7440)

Have a look what the booklet for
YIQ(145.7730, 34.4320, 3.7440)
contains.

YIQ(145.7730, 34.4320, 3.7440)	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(145.7730, 34.4320,
3.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	B58672
RGB	181, 134, 114
RGB Percent	71%, 53%, 45%
CMY	0.2901, 0.4746, 0.5528
CMYK	0.00, 0.26, 0.37, 0.29
HSL	18°, 31%, 58%
HSV	18°, 37%, 71%
XYZ	30.6238, 28.0873, 19.7385
YIQ	145.7730, 34.4320, 3.7440

Conversions

Conversions Part 2

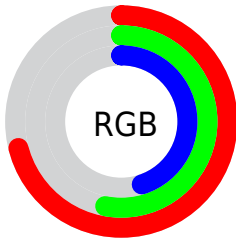
Format	Color
R _Y B	181, 143, 114
Decimal	11896434
CIE Lab	59.97, 15.33, 17.79
CIE LCh	60, 23.481, 49.243
Yxy	28.0873, 0.3904, 0.3580
Android (android.graphics.Color)	4290086514 (0xFFB58672)
YUV	145.7730, -15.6641, 30.8941
Hunter-Lab	52.9975, 10.3981, 15.0161

Details

The YIQ color **145.7730, 34.4320, 3.7440** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **149.2270, -34.4320, -3.7440**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.8550, 37.1370, 4.2810**, and **94.5060, 30.8100, 3.3060** is the 20% darker color. If you saturate the color by 10%, you get **136.0900, 43.7850, 4.9450**, and if you desaturate by 10%, it is **155.4560, 25.0790, 2.5430**.

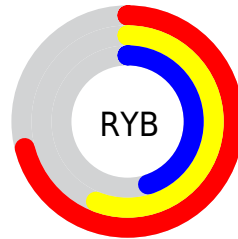
Distribution



Red (71%)

Green (53%)

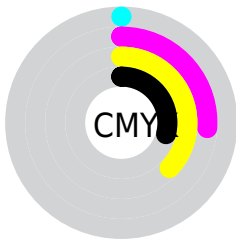
Blue (45%)



Red (71%)

Yellow (56%)

Blue (45%)

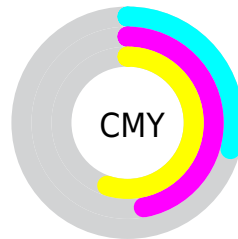


Cyan (0%)

Magenta (26%)

Yellow (37%)

Black (29%)



Cyan (29%)


Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.7730, 34.4320, 3.7440 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 145.7730, 34.4320, 3.7440 by changing the saturation by 10% instead.


 145.7730, 34.4320,
3.7440


 145.7730, 34.4320,
3.7440


255.0000, -0.0000,
-0.0000


 119.8760, 32.6440,
3.1080


 199.8550, 37.1370,
4.2810

 94.5060, 30.8100,
3.3060


 224.4520, 30.9020,
1.6380


 70.7230, 28.7010,
2.9810

 244.6670, 13.9390,
-4.8210

 47.9400, 26.5920,
2.6560

 254.4300, 1.6050,
-1.5550

 25.8150, 25.4460,
1.3980

 8.7850, 16.9630,
6.4590

 0.0000, 0.0000,

0.0000

■ 145.7730, 34.4320,
3.7440

■ 145.7730, 34.4320,
3.7440

■ 136.0900, 43.7850,
4.9450

■ 155.4560, 25.0790,
2.5430

■ 126.9940, 52.8630,
5.6230

■ 164.5520, 16.0010,
1.8650

■ 117.3110, 62.2160,
6.8240

■ 174.2350, 6.6480,
0.6640

■ 107.6280, 71.5690,
8.0250

■ 183.9180, -2.7050,
-0.5370

■ 97.9450, 80.9220,
9.2260

■ 193.7150,
-12.3790, -1.4270

■ 88.7350, 90.3210,
9.5930

■ 202.8110,
-21.4570, -2.1050

■ 85.8170, 93.0260,
10.1300

■ 212.4940,
-30.8100, -3.3060

■ 221.7210,
-38.8790, -5.7510

■ 228.7650,
-42.1790, -12.0270

Harmonies

Analogous

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



147.2710, 33.3300, 12.7060



145.7730, 34.4320, 3.7440



144.2570, 26.7770, -6.2070

Triad

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



145.7730, 34.4320, 3.7440



136.6770, -27.5520, -18.3040



145.4780, -15.5450, 11.9030

Complementary

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



145.7730, 34.4320, 3.7440



149.2270, -34.4320, -3.7440

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.



140.8450, -35.9920, 2.5040



145.7730, 34.4320, 3.7440



134.5860, -43.2330, -14.9530

Square

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



145.7730, 34.4320, 3.7440



139.6270, -6.9200, -17.7680



136.0620, -47.2690, -7.8850



147.8890, 5.4070, 17.6550

Rectangle

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



145.7730, 34.4320, 3.7440



142.7180, 17.9290, -11.0550



136.0620, -47.2690, -7.8850



143.8900, -22.6970, 9.3590

Sweetspot

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



145.7730, 34.4320, 3.7440



220.8830, 13.5710, 1.8510



139.5050, 24.5240, 29.1320



109.4200, 7.5650, 0.5650



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



145.7730, 34.4320, 3.7440



180.2930, 53.4590, 5.8350



165.1440, 25.3570, -13.5150



84.4520, 4.5390, 0.3390



72.7490, 78.5380, 8.3780



12.4700, 13.2960, 1.3280

Inverse Universe

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



149.2270, -34.4320, -3.7440



185.7070, -53.4590, -5.8350



130.4430, -25.6320, 12.9920



85.1350, -4.8140, -0.8620



80.2510, -78.5380, -8.3780



13.5300, -13.2960, -1.3280

Previews

White Background



This preview shows how the YIQ color 145.7730, 34.4320, 3.7440 looks on a white background.

Color Contrast Check

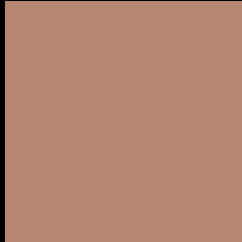
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.7730, 34.4320, 3.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

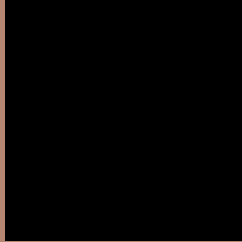
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.7730, 34.4320, 3.7440

Background



This preview shows how black text looks on a background with the YIQ color 145.7730, 34.4320, 3.7440.



This preview shows how white text looks on a background with the YIQ color 145.7730, 34.4320,

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

145.7730, 34.4320, 3.7440

Protanopia

143.8410, 13.3890, -5.8670

Deuteranopia

145.0060, 26.2260, -1.7260



Tritanopia

147.2860, 28.9740, 14.5580

Trichromacy



Original Color

145.7730, 34.4320, 3.7440

Protanomaly

144.2550, 21.0910, -2.2770

Deuteranomaly

145.0280, 29.1600, 0.1680

Tritanomaly

146.5480, 30.9920, 11.0240

Monochromacy



Original Color

145.7730, 34.4320, 3.7440

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1710, 12.7000, 1.1160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.7730, 34.4320, 3.7440 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(181, 134, 114)` looks like.

```
.text, #text, p{  
    color:rgb(181, 134, 114)  
}
```

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(181, 134, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 134, 114) }
```

Border

The CSS property to change the border of an element to YIQ 145.7730, 34.4320, 3.7440 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(181, 134, 114) }
```


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

```
.border{ border-color:rgb(181, 134, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 134, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 134, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 134, 114);  
box-shadow:4px 4px 4px 4px rgb(181, 134,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 145.7730, 34.4320, 3.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 134, 114) }
```

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

```
.background{ background-color: rgb(181,  
134, 114) }
```

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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