

Converting Colors

YIQ(153.3600, 34.1570, 3.2210)

Have a look what the booklet for
YIQ(153.3600, 34.1570, 3.2210)
contains.

YIQ(153.3600, 34.1570, 3.2210)	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(153.3600, 34.1570,
3.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8E79
RGB	188, 142, 121
RGB Percent	74%, 56%, 47%
CMY	0.2626, 0.4432, 0.5253
CMYK	0.00, 0.24, 0.36, 0.26
HSL	19°, 33%, 61%
HSV	19°, 36%, 74%
XYZ	33.8688, 31.4161, 22.3805
YIQ	153.3600, 34.1570, 3.2210

Conversions

Conversions Part 2

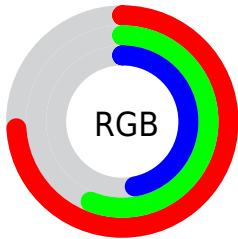
Format	Color
RYB	188, 152, 121
Decimal	12357241
CIELab	62.86, 14.58, 17.93
CIElCh	63, 23.107, 50.889
Yxy	31.4161, 0.3863, 0.3584
Android (android.graphics.Color)	4290547321 (0xFFBC8E79)
YUV	153.3600, -15.9535, 30.3793
Hunter-Lab	56.0501, 9.7725, 15.5610

Details

The YIQ color **153.3600, 34.1570, 3.2210** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **155.6400, -34.1570, -3.2210**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.0290, 36.5870, 3.2350**, and **101.9790, 30.8560, 2.4720** is the 20% darker color. If you saturate the color by 10%, you get **143.5630, 43.8310, 4.1110**, and if you desaturate by 10%, it is **163.1570, 24.4830, 2.3310**.

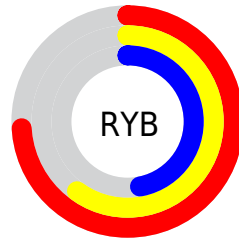
Distribution



Red (74%)

Green (56%)

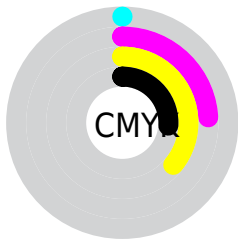
Blue (47%)



Red (74%)

Yellow (60%)

Blue (47%)

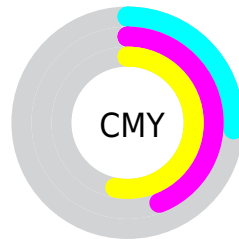


Cyan (0%)

Magenta (24%)

Yellow (36%)

Black (26%)



Cyan (26%)

Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.3600, 34.1570, 3.2210 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 153.3600, 34.1570, 3.2210 by changing the saturation by 10% instead.

■ 153.3600, 34.1570,
3.2210

■ 153.3600, 34.1570,
3.2210

255.0000, -0.0000,
-0.0000

■ 126.8760, 32.6440,
3.1080

■ 208.0290, 36.5870,
3.2350

■ 101.9790, 30.8560,
2.4720

■ 230.6470, 25.8590,
-0.5810

■ 77.6090, 29.0220,
2.6700

■ 250.2750, 9.1710,
-6.5170

■ 53.8260, 26.9130,
2.3450

■ 31.5870, 26.0880,
0.7760

■ 10.4650, 20.8600,
7.4200

■ 0.0000, 0.0000,

0.0000

■ 153.3600, 34.1570,
3.2210

■ 153.3600, 34.1570,
3.2210

■ 143.5630, 43.8310,
4.1110

■ 163.1570, 24.4830,
2.3310

■ 133.7660, 53.5050,
5.0010

■ 172.9540, 14.8090,
1.4410

■ 124.0830, 62.8580,
6.2020

■ 182.6370, 5.4560,
0.2400

■ 114.2860, 72.5320,
7.0920

■ 192.4340, -4.2180,
-0.6500

■ 104.4890, 82.2060,
7.9820

■ 202.2310,
-13.8920, -1.5400

■ 94.6920, 91.8800,
8.8720

■ 212.0280,
-23.5660, -2.4300

■ 90.8450, 95.8230,
8.9990

■ 221.2380,
-32.9650, -2.7970

■ 229.0970,
-37.1820, -8.9740

■ 234.9670,
-39.9320, -14.2040

Harmonies

Analogous

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



154.7440, 33.3760, 11.8720



153.3600, 34.1570, 3.2210



151.9580, 26.1810, -6.4190

Triad

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



153.3600, 34.1570, 3.2210



143.9050, -28.1940, -17.6820



153.0760, -14.3530, 12.3270

Complementary

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



153.3600, 34.1570, 3.2210



155.6400, -34.1570, -3.2210

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.



148.7420, -34.2040, 3.1400



153.3600, 34.1570, 3.2210



142.4120, -42.6830, -13.9070

Square

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



153.3600, 34.1570, 3.2210



146.8550, -7.5620, -17.1460



144.0730, -45.8020, -6.9380



155.0740, 6.3240, 17.5560

Rectangle

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



153.3600, 34.1570, 3.2210



150.4190, 17.3330, -11.2670



144.0730, -45.8020, -6.9380



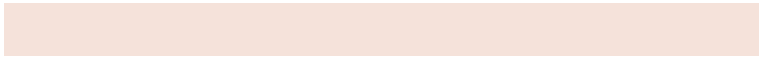
151.4880, -21.5050, 9.7830

Sweetspot

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



153.3600, 34.1570, 3.2210



230.7690, 13.8920, 1.5400



146.3910, 24.8450, 28.8210



113.7190, 8.1610, 0.7770



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.



153.3600, 34.1570, 3.2210



190.1790, 53.7800, 5.5240



172.7310, 25.0820, -14.0380



89.4520, 4.5390, 0.3390



76.0050, 80.6930, 7.8690



15.1390, 15.7260, 1.3420

Inverse Universe

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



155.6400, -34.1570, -3.2210



194.2340, -53.5050, -5.0010



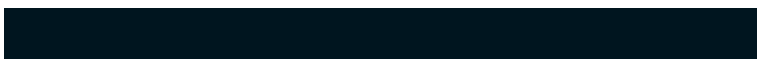
136.2690, -25.0820, 14.0380



89.5480, -4.5390, -0.3390



81.9950, -80.6930, -7.8690



15.8610, -15.7260, -1.3420

Previews

White Background



This preview shows how the YIQ color 153.3600, 34.1570, 3.2210 looks on a white background.

Color Contrast Check

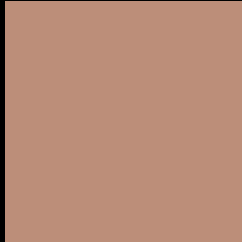
Large Text (above 18pt) WCAG AA × Fail

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 153.3600, 34.1570, 3.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

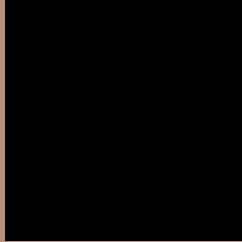
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.3600, 34.1570, 3.2210

Background



This preview shows how black text looks on a background with the YIQ color 153.3600, 34.1570, 3.2210.



This preview shows how white text looks on a background with the YIQ color 153.3600, 34.1570,

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

153.3600, 34.1570, 3.2210

Protanopia

151.7270, 13.7100, -6.1780

Deuteranopia

152.6040, 27.4180, -1.3020



Tritanopia

155.1010, 28.0570, 14.6570

Trichromacy



Original Color

153.3600, 34.1570, 3.2210

Protanomaly

152.1410, 21.4120, -2.5880

Deuteranomaly

153.2130, 30.0770, 0.0690

Tritanomaly

154.2490, 30.3960, 10.8120

Monochromacy



Original Color

153.3600, 34.1570, 3.2210

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.1710, 12.7000, 1.1160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.3600, 34.1570, 3.2210 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(188, 142, 121)` looks like.

```
.text, #text, p{  
    color:rgb(188, 142, 121)  
}
```

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(188, 142, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 142, 121) }
```

Border

The CSS property to change the border of an element to YIQ 153.3600, 34.1570, 3.2210 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(188, 142, 121) }
```


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

```
.border{ border-color:rgb(188, 142, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 142, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 142, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 142, 121);  
box-shadow:4px 4px 4px 4px rgb(188, 142,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 153.3600, 34.1570, 3.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 142, 121) }
```

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

```
.background{ background-color: rgb(188,  
142, 121) }
```

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