

Converting Colors

YIQ(157.3430, 7.6050, 32.8930)

Have a look what the booklet for
YIQ(157.3430, 7.6050, 32.8930)
contains.

YIQ(157.3430, 7.6050, 32.8930)	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(157.3430, 7.6050,
32.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	B986CD
RGB	185, 134, 205
RGB Percent	73%, 53%, 80%
CMY	0.2743, 0.4746, 0.1961
CMYK	0.10, 0.35, 0.00, 0.20
HSL	283°, 42%, 66%
HSV	283°, 35%, 80%
XYZ	39.5586, 31.7713, 61.8011
YIQ	157.3430, 7.6050, 32.8930

Conversions

Conversions Part 2

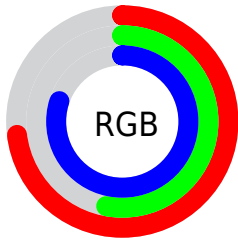
Format	Color
RYB	185, 134, 205
Decimal	12158669
CIELab	63.15, 32.13, -29.12
CIELCh	63, 43.365, 317.814
Yxy	31.7713, 0.2971, 0.2386
Android (android.graphics.Color)	4290348749 (0xFFB986CD)
YUV	157.3430, 23.4949, 24.2552
Hunter-Lab	56.3661, 26.6336, -25.5507

Details

The YIQ color $157.3430, 7.6050, 32.8930$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $181.6570, -7.6050, -32.8930$, and the grayscale version is $157.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $211.7840, 10.6770, 32.2850$, and $105.1040, 6.7800, 31.3240$ is the 20% darker color. If you saturate the color by 10%, you get $143.2220, 9.8040, 42.6040$, and if you desaturate by 10%, it is $170.8770, 5.6810, 23.7050$.

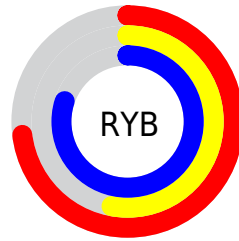
Distribution



Red (73%)

Green (53%)

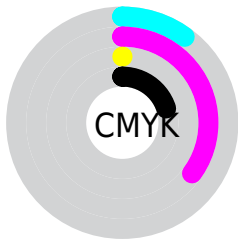
Blue (80%)



Red (73%)

Yellow (53%)

Blue (80%)

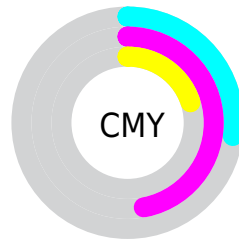


Cyan (10%)

Magenta (35%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (47%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.3430, 7.6050, 32.8930 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 157.3430, 7.6050, 32.8930 by changing the saturation by 10% instead.

■ 157.3430, 7.6050,
32.8930

■ 157.3430, 7.6050,
32.8930

255.0000, -0.0000,
-0.0000

■ 130.8160, 7.6510,
32.0590

■ 211.7840, 10.6770,
32.2850

■ 104.9900, 7.1010,
31.0130

■ 232.1070, 10.7250,
20.3970

■ 80.1640, 6.5510,
29.9670

■ 248.5430, 3.0250,
5.7530

■ 56.3380, 6.0010,
28.9210

■ 32.0390, 5.4050,
28.7090

■ 15.7950, 2.9760,
23.1680

■ 3.4200, -9.6300,

9.3300

0.0000, 0.0000,
0.0000

157.3430, 7.6050,
32.8930

157.3430, 7.6050,
32.8930

143.2220, 9.8040,
42.6040

170.8770, 5.6810,
23.7050

129.9870, 12.3240,
52.0040

184.9980, 3.4820,
13.9940

115.8660, 14.5230,
61.7150

198.2330, 0.9620,
4.5940

102.3320, 16.4470,
70.9030

212.3540, -1.2370,
-5.1170

88.2110, 18.6460,
80.6140

225.8880, -3.1610,
-14.3050

■ 74.6770, 20.5700,
89.8020

■ 238.8350, -4.8100,
-22.9700

■ 67.3230, 21.8070,
94.9190

■ 240.3300, -1.8300,
-21.9100

■ 242.1240, 1.7460,
-20.6380

■ 243.9180, 5.3220,
-19.3660

Harmonies

Analogous

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



152.3960, -35.4450, 20.1310



157.3430, 7.6050, 32.8930



156.4640, 40.9370, 34.5450

Triad

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



157.3430, 7.6050, 32.8930



150.5890, 48.9690, -11.9190



121.5010, -103.7500, -36.0540

Complementary

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



157.3430, 7.6050, 32.8930



181.6570, -7.6050, -32.8930

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.



130.4070, -62.6230, -38.0070



157.3430, 7.6050, 32.8930



147.5700, 23.6170, -26.0390

Square

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



157.3430, 7.6050, 32.8930



152.5390, 61.5740, 7.4460



142.2050, -12.1440, -33.2320



123.0290, -113.5640, -23.3880

Rectangle

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



157.3430, 7.6050, 32.8930



155.0170, 55.1970, 29.4130



142.2050, -12.1440, -33.2320



120.0190, -99.5770, -40.0970

Sweetspot

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



157.3430, 7.6050, 32.8930



238.2320, 2.7030, 11.5910



153.8340, -28.2910, 11.6210



117.1130, 1.4200, 7.3080



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



157.3430, 7.6050, 32.8930



183.2210, 11.5450, 49.6010



161.6130, 24.3400, 32.4680



95.2330, 0.9620, 4.5940



54.5050, 17.6380, 76.8540



12.7040, 4.4900, 17.7540

Inverse Universe

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



157.5090, 35.8960, 21.2720



183.4130, 54.1420, 32.0140



177.3870, -24.3400, -32.4680



95.3320, 4.9970, 3.0530



54.9920, 83.8490, 49.8090



12.6160, 19.1170, 11.4770

Previews

White Background



This preview shows how the YIQ color 157.3430, 7.6050, 32.8930 looks on a white background.

Color Contrast Check

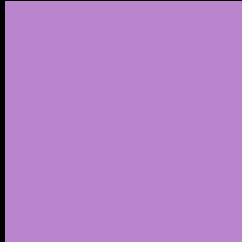
Large Text (above 18pt) WCAG AA × Fail

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 157.3430, 7.6050, 32.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

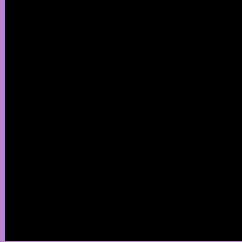
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.3430, 7.6050, 32.8930

Background



This preview shows how black text looks on a background with the YIQ color 157.3430, 7.6050, 32.8930.



This preview shows how white text looks on a background with the YIQ color 157.3430, 7.6050,

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

157.3430, 7.6050, 32.8930

Protanopia

152.9570, -32.8310, 16.8090

Deuteranopia

153.8240, -22.3310, 13.7410



Tritanopia

155.4200, 16.7330, 10.6290

Trichromacy



Original Color

157.3430, 7.6050, 32.8930



Protanomaly

154.5460, -18.2520, 22.4200



Deuteranomaly

155.2000, -11.4660, 20.5820



Tritanomaly

156.0210, 13.8430, 18.9550

Monochromacy



Original Color

157.3430, 7.6050, 32.8930



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

157.2320, 2.7030, 11.5910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.3430, 7.6050, 32.8930 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(185, 134, 205)` looks like.

```
.text, #text, p{  
    color:rgb(185, 134, 205)  
}
```

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(185, 134, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 134, 205) }
```

Border

The CSS property to change the border of an element to YIQ 157.3430, 7.6050, 32.8930 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(185, 134, 205) }
```


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

```
.border{ border-color:rgb(185, 134, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 134, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 134, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 134, 205);  
box-shadow:4px 4px 4px 4px rgb(185, 134,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 157.3430, 7.6050, 32.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 134, 205) }
```

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

```
.background{ background-color: rgb(185,  
134, 205) }
```

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