

Converting Colors

YIQ(173.5850, 3.2070, 13.4710)

Have a look what the booklet for
YIQ(173.5850, 3.2070, 13.4710)
contains.

YIQ(173.5850, 3.2070, 13.4710)	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(173.5850, 3.2070,
13.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A4C1
RGB	185, 164, 193
RGB Percent	73%, 64%, 76%
CMY	0.2744, 0.3569, 0.2431
CMYK	0.04, 0.15, 0.00, 0.24
HSL	283°, 19%, 70%
HSV	283°, 15%, 76%
XYZ	42.9110, 40.7144, 56.0476
YIQ	173.5850, 3.2070, 13.4710

Conversions

Conversions Part 2

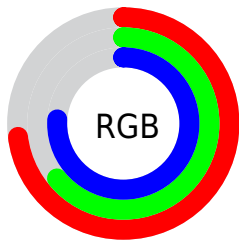
Format	Color
RYB	185, 164, 193
Decimal	12166337
CIELab	69.98, 12.99, -12.05
CIELCh	70, 17.719, 317.140
Yxy	40.7144, 0.3072, 0.2915
Android (android.graphics.Color)	4290356417 (0xFFB9A4C1)
YUV	173.5850, 9.5716, 10.0110
Hunter-Lab	63.8078, 8.3783, -7.4138

Details

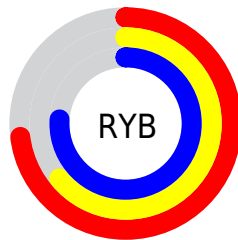
The YIQ color $173.5850, 3.2070, 13.4710$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $183.4150, -3.2070, -13.4710$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $228.9980, 3.4820, 13.9940$, and $121.0580, 3.2530, 12.6370$ is the 20% darker color. If you saturate the color by 10%, you get $160.9370, 5.4520, 22.3480$, and if you desaturate by 10%, it is $186.2330, 0.9620, 4.5940$.

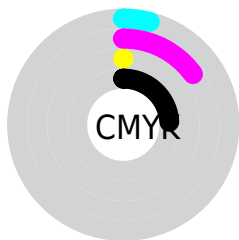
Distribution



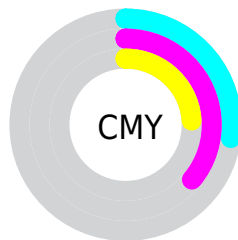
- Red (73%)
- Green (64%)
- Blue (76%)



- Red (73%)
- Yellow (64%)
- Blue (76%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.5850, 3.2070, 13.4710 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 173.5850, 3.2070, 13.4710 by changing the saturation by 10% instead.

■ 173.5850, 3.2070,
13.4710

■ 173.5850, 3.2070,
13.4710

255.0000, -0.0000,
-0.0000

■ 147.1720, 2.9320,
12.9480

■ 228.9980, 3.4820,
13.9940

■ 121.0580, 3.2530,
12.6370

■ 250.8910, 1.9250,
3.6610

■ 96.3460, 2.3820,
11.9020

■ 72.2320, 2.7030,
11.5910

■ 49.8190, 2.4280,
11.0680

■ 28.4060, 2.1530,
10.5450

■ 8.1180, 3.0240,

11.2800

■ 0.0000, 0.0000,
0.0000

■ 173.5850, 3.2070,
13.4710

■ 173.5850, 3.2070,
13.4710

■ 160.9370, 5.4520,
22.3480

■ 186.2330, 0.9620,
4.5940

■ 147.4030, 7.3760,
31.5360

■ 199.7670, -0.9620,
-4.5940

■ 134.7550, 9.6210,
40.4130

■ 212.4150, -3.2070,
-13.4710

■ 122.1070, 11.8660,
49.2900

■ 225.0630, -5.4520,
-22.3480

■ 108.5730, 13.7900,
58.4780

■ 235.0750, -5.7260,
-28.3980

95.9250, 16.0350,
67.3550

236.5700, -2.7460,
-27.3380

83.2770, 18.2800,
76.2320

238.0650, 0.2340,
-26.2780

70.6290, 20.5250,
85.1090

239.5600, 3.2140,
-25.2180

63.8620, 21.4870,
89.7030

241.3540, 6.7900,
-23.9460

Harmonies

Analogous

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



171.5660, -12.9770, 9.4150



173.5850, 3.2070, 13.4710



173.8270, 17.1450, 14.1770

Triad

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



173.5850, 3.2070, 13.4710



171.3860, 22.1000, -4.0440



164.7510, -30.3960, -10.8120

Complementary

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



173.5850, 3.2070, 13.4710



183.4150, -3.2070, -13.4710

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.



165.8030, -18.9790, -13.9790



173.5850, 3.2070, 13.4710



169.5370, 11.1890, -10.0510

Square

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



173.5850, 3.2070, 13.4710



172.6520, 27.4630, 3.3910



167.2300, -4.1240, -13.3720



165.7710, -33.1480, -4.9880

Rectangle

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



173.5850, 3.2070, 13.4710



174.0680, 23.6560, 11.8160



167.2300, -4.1240, -13.3720



164.6650, -27.2780, -12.2540

Sweetspot

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



173.5850, 3.2070, 13.4710



241.1730, 1.1910, 5.9510



172.0020, -11.5090, 4.8350



119.7060, 1.0080, 3.7600



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.



173.5850, 3.2070, 13.4710



219.9970, 5.2230, 20.9910



175.2930, 9.9010, 13.3010



90.2330, 0.9620, 4.5940



53.0380, 17.4550, 74.6630



10.9380, 3.7110, 15.3510

Inverse Universe

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



173.5830, 14.7160, 8.6360



219.8230, 22.9680, 13.2720



181.7070, -9.9010, -13.3010



90.3320, 4.9970, 3.0530



53.1550, 81.8320, 47.8160



10.8930, 16.7790, 9.7950

Previews

White Background



This preview shows how the YIQ color 173.5850, 3.2070, 13.4710 looks on a white background.

Color Contrast Check

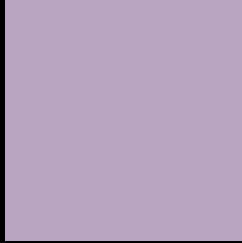
Large Text (above 18pt) WCAG AA × Fail

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 173.5850, 3.2070, 13.4710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

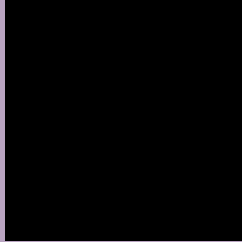
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.5850, 3.2070, 13.4710

Background



This preview shows how black text looks on a background with the YIQ color 173.5850, 3.2070, 13.4710.



This preview shows how white text looks on a background with the YIQ color 173.5850, 3.2070,

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

173.5850, 3.2070, 13.4710

Protanopia

171.8820, -11.0510, 7.5490

Deuteranopia

173.1390, -1.4690, 10.1070



Tritanopia

172.5650, 5.9590, 7.6470

Trichromacy



Original Color

173.5850, 3.2070, 13.4710

Protanomaly

172.6870, -6.0080, 9.7680

Deuteranomaly

173.4490, 0.5940, 11.2660

Tritanomaly

172.8470, 5.2250, 9.9370

Monochromacy



Original Color

173.5850, 3.2070, 13.4710

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.6460, 1.2370, 5.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.5850, 3.2070, 13.4710 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, 164, 193)` looks like.

```
.text, #text, p{  
    color:rgb(185, 164, 193)  
}
```

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, 164, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 164, 193) }
```

Border

The CSS property to change the border of an element to YIQ 173.5850, 3.2070, 13.4710 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, 164, 193) }
```


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

```
.border{ border-color:rgb(185, 164, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 164, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 164, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 164, 193);  
box-shadow:4px 4px 4px 4px rgb(185, 164,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 173.5850, 3.2070, 13.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 164, 193) }
```

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

```
.background{ background-color: rgb(185,  
164, 193) }
```

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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