

Converting Colors

YIQ(163.8550, 2.7470, 21.8110)

Have a look what the booklet for
YIQ(163.8550, 2.7470, 21.8110)
contains.

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Color

**YIQ(163.8550, 2.7470,
21.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	B495C6
RGB	180, 149, 198
RGB Percent	71%, 58%, 78%
CMY	0.2940, 0.4157, 0.2236
CMYK	0.09, 0.25, 0.00, 0.22
HSL	278°, 30%, 68%
HSV	278°, 25%, 78%
XYZ	39.7662, 35.2742, 58.1346
YIQ	163.8550, 2.7470, 21.8110

Conversions

Conversions Part 2

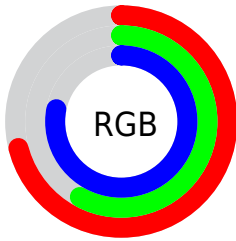
Format	Color
RYB	180, 149, 198
Decimal	11834822
CIELab	65.96, 20.68, -20.94
CIELCh	66, 29.429, 314.645
Yxy	35.2742, 0.2986, 0.2649
Android (android.graphics.Color)	4290024902 (0xFFB495C6)
YUV	163.8550, 16.8335, 14.1592
Hunter-Lab	59.3921, 15.5793, -16.4602

Details

The YIQ color **163.8550, 2.7470, 21.8110** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **183.1450, -2.7470, -21.8110**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **218.7950, 2.9760, 23.1680**, and **111.9150, 2.5180, 20.4540** is the 20% darker color. If you saturate the color by 10%, you get **150.0220, 4.0750, 30.7870**, and if you desaturate by 10%, it is **177.6880, 1.4190, 12.8350**.

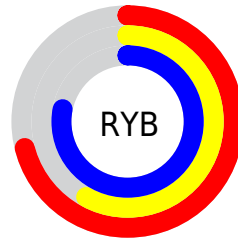
Distribution



Red (71%)

Green (58%)

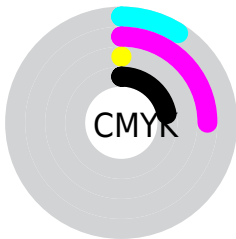
Blue (78%)



Red (71%)

Yellow (58%)

Blue (78%)

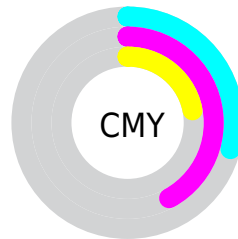


Cyan (9%)

Magenta (25%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (42%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.8550, 2.7470, 21.8110 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 163.8550, 2.7470, 21.8110 by changing the saturation by 10% instead.

■ 163.8550, 2.7470,
21.8110

■ 163.8550, 2.7470,
21.8110

255.0000, -0.0000,
-0.0000

■ 137.4420, 2.4720,
21.2880

■ 218.7950, 2.9760,
23.1680

■ 111.9150, 2.5180,
20.4540

■ 240.9120, 6.6000,
12.5520

■ 87.0890, 1.9680,
19.4080

■ 63.5620, 2.0140,
18.5740

■ 40.8500, 1.1430,
17.8390

■ 18.7360, 1.4640,
17.5280

■ 2.9640, -8.3460,

8.0860

0.0000, 0.0000,
0.0000

163.8550, 2.7470,
21.8110

163.8550, 2.7470,
21.8110

150.0220, 4.0750,
30.7870

177.6880, 1.4190,
12.8350

136.1890, 5.4030,
39.7630

191.8200, 0.6870,
4.0710

122.6440, 5.8600,
48.0040

205.0660, -0.3660,
-4.3820

108.8110, 7.1880,
56.9800

218.8990, -1.6940,
-13.3580

94.9780, 8.5160,
65.9560

232.7320, -3.0220,
-22.3340

■ 80.8460, 9.2480,
74.7200

■ 239.2330, -0.1790,
-24.2990

■ 67.0130, 10.5760,
83.6960

■ 241.3260, 3.9930,
-22.8150

■ 59.9470, 10.9420,
88.0780

■ 243.4190, 8.1650,
-21.3310

■ 245.5120, 12.3370,
-19.8470

Harmonies

Analogous

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



160.1550, -24.7610, 13.7270



163.8550, 2.7470, 21.8110



164.3000, 26.3590, 23.4070

Triad

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



163.8550, 2.7470, 21.8110



160.0470, 36.1760, -5.8400



146.0680, -56.5740, -20.9740

Complementary

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



163.8550, 2.7470, 21.8110



183.1450, -2.7470, -21.8110

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.



150.0630, -31.8150, -23.6470



163.8550, 2.7470, 21.8110



157.7410, 19.1220, -16.1580

Square

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



163.8550, 2.7470, 21.8110



162.0300, 44.0140, 6.3020



154.3620, -4.8560, -22.1360



146.9180, -64.5990, -13.1990

Rectangle

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



163.8550, 2.7470, 21.8110



163.4660, 37.4550, 20.5510



154.3620, -4.8560, -22.1360



147.1350, -49.5130, -22.2890

Sweetspot

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



163.8550, 2.7470, 21.8110



242.3410, 0.7780, 7.9300



165.1520, -20.6790, 5.8250



120.3470, 0.6410, 4.9050



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.



163.8550, 2.7470, 21.8110



202.0160, 4.2120, 33.8120



168.4390, 15.7220, 23.4500



92.8200, 0.6870, 4.0710



49.3790, 9.0650, 72.5290



10.9810, 2.1520, 16.0720

Inverse Universe

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



165.7030, 23.4260, 15.9860



204.9160, 36.3080, 24.8200



178.5610, -15.7220, -23.4500



93.0330, 4.4010, 2.8410



55.5770, 77.8880, 53.2160



12.2460, 17.2830, 11.6750

Previews

White Background



This preview shows how the YIQ color 163.8550, 2.7470, 21.8110 looks on a white background.

Color Contrast Check

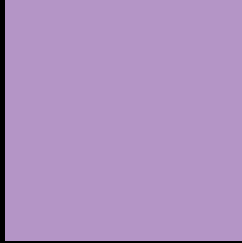
Large Text (above 18pt) WCAG AA × Fail

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 163.8550, 2.7470, 21.8110 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 163.8550, 2.7470, 21.8110

Background



This preview shows how black text looks on a background with the YIQ color 163.8550, 2.7470, 21.8110.



This preview shows how white text looks on a background with the YIQ color 163.8550, 2.7470,

21.8110.

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

163.8550, 2.7470, 21.8110

Protanopia

161.2540, -20.7260, 12.1860

Deuteranopia

161.7450, -11.9230, 12.3410



Tritanopia

162.3480, 8.0680, 7.9720

Trichromacy



Original Color

163.8550, 2.7470, 21.8110

Protanomaly

161.8530, -12.1070, 15.6770

Deuteranomaly

162.4900, -6.6510, 15.9170

Tritanomaly

163.0260, 6.2790, 12.8630

Monochromacy



Original Color

163.8550, 2.7470, 21.8110

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.2270, 1.0990, 7.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.8550, 2.7470, 21.8110 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(180, 149, 198)` looks like.

```
.text, #text, p{  
    color:rgb(180, 149, 198)  
}
```

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(180, 149, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 149, 198) }
```

Border

The CSS property to change the border of an element to YIQ 163.8550, 2.7470, 21.8110 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(180, 149, 198) }
```


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

```
.border{ border-color:rgb(180, 149, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 149, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 149, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 149, 198);  
box-shadow:4px 4px 4px 4px rgb(180, 149,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 163.8550, 2.7470, 21.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 149, 198) }
```

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

```
.background{ background-color: rgb(180,  
149, 198) }
```

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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