

Converting Colors

YIQ(168.7570, 6.1390, 26.4190)

Have a look what the booklet for
YIQ(168.7570, 6.1390, 26.4190)
contains.

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Color

**YIQ(168.7570, 6.1390,
26.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	BF96CF
RGB	191, 150, 207
RGB Percent	75%, 59%, 81%
CMY	0.2508, 0.4118, 0.1883
CMYK	0.08, 0.28, 0.00, 0.19
HSL	283°, 37%, 70%
HSV	283°, 28%, 81%
XYZ	43.6599, 37.3928, 63.9446
YIQ	168.7570, 6.1390, 26.4190

Conversions

Conversions Part 2

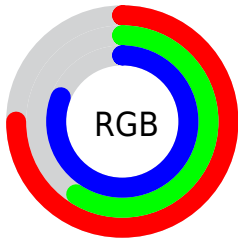
Format	Color
RYB	191, 150, 207
Decimal	12555983
CIELab	67.57, 25.57, -23.40
CIELCh	68, 34.661, 317.541
Yxy	37.3928, 0.3011, 0.2579
Android (android.graphics.Color)	4290746063 (0xFFBF96CF)
YUV	168.7570, 18.8538, 19.5071
Hunter-Lab	61.1496, 20.4344, -19.1953

Details

The YIQ color **168.7570, 6.1390, 26.4190** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188.2430, -6.1390, -26.4190**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.9700, 9.8530, 25.1890**, and **116.5180, 5.3140, 24.8500** is the 20% darker color. If you saturate the color by 10%, you get **154.6360, 8.3380, 36.1300**, and if you desaturate by 10%, it is **182.8780, 3.9400, 16.7080**.

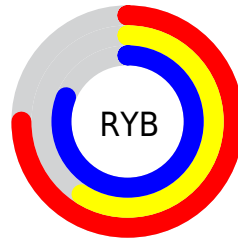
Distribution



Red (75%)

Green (59%)

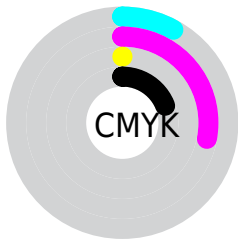
Blue (81%)



Red (75%)

Yellow (59%)

Blue (81%)

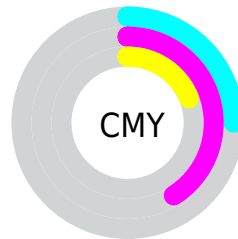


Cyan (8%)

Magenta (28%)

Yellow (0%)

Black (19%)



Cyan (25%)

Magenta (41%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.7570, 6.1390, 26.4190 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 168.7570, 6.1390, 26.4190 by changing the saturation by 10% instead.

■ 168.7570, 6.1390,
26.4190

■ 168.7570, 6.1390,
26.4190

255.0000, -0.0000,
-0.0000

■ 142.2300, 6.1850,
25.5850

■ 222.9700, 9.8530,
25.1890

■ 116.5180, 5.3140,
24.8500

■ 242.0860, 6.0500,
11.5060

■ 90.9910, 5.3600,
24.0160

■ 67.1650, 4.8100,
22.9700

■ 44.3390, 4.2600,
21.9240

■ 21.9260, 3.9850,
21.4010

■ 8.5460, -1.0570,

13.6550

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 168.7570, 6.1390,
26.4190

■ 168.7570, 6.1390,
26.4190

■ 154.6360, 8.3380,
36.1300

■ 182.8780, 3.9400,
16.7080

■ 141.1020, 10.2620,
45.3180

■ 196.4120, 2.0160,
7.5200

■ 127.2800, 13.0570,
55.2410

■ 210.2340, -0.7790,
-2.4030

■ 113.1590, 15.2560,
64.9520

■ 224.3550, -2.9780,
-12.1140

■ 99.0380, 17.4550,
74.6630

■ 237.8890, -4.9020,
-21.3020

■ 85.5040, 19.3790,
83.8510

■ 240.8570, -1.8760,
-21.0760

■ 71.3830, 21.5780,
93.5620

■ 242.6510, 1.7000,
-19.8040

■ 68.1490, 22.3570,
95.9650

■ 244.1460, 4.6800,
-18.7440

■ 245.9400, 8.2560,
-17.4720

Harmonies

Analogous

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



164.8930, -26.7790, 17.2610



168.7570, 6.1390, 26.4190



168.6430, 32.8230, 27.4070

Triad

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



168.7570, 6.1390, 26.4190



163.5050, 40.5780, -8.5260



143.4400, -75.4170, -26.4010

Complementary

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



168.7570, 6.1390, 26.4190



188.2430, -6.1390, -26.4190

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.



151.1540, -42.4970, -28.2970



168.7570, 6.1390, 26.4190



160.4050, 19.9480, -20.1160

Square

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



168.7570, 6.1390, 26.4190



165.7380, 50.7080, 6.1320



156.5740, -8.5690, -26.4330



144.2730, -84.7720, -16.5480

Rectangle

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



168.7570, 6.1390, 26.4190



167.4670, 44.8820, 23.6180



156.5740, -8.5690, -26.4330



146.1760, -65.9260, -27.7020

Sweetspot

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



168.7570, 6.1390, 26.4190



241.4660, 1.9240, 9.1880



165.8900, -22.6970, 9.3590



119.1730, 1.1910, 5.9510



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.



168.7570, 6.1390, 26.4190



198.5160, 8.7960, 38.8440



172.1730, 19.5270, 26.0790



97.6460, 1.2370, 5.1170



55.3310, 18.1880, 77.9000



13.3450, 4.1230, 18.8990

Inverse Universe

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



168.8670, 28.8360, 17.0600



198.7380, 42.6810, 24.9610



184.8270, -19.5270, -26.0790



97.6310, 5.5930, 3.2650



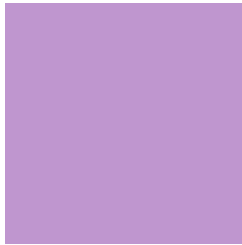
55.5900, 85.0410, 50.2330



13.5130, 20.9050, 12.1130

Previews

White Background



This preview shows how the YIQ color 168.7570, 6.1390, 26.4190 looks on a white background.

Color Contrast Check

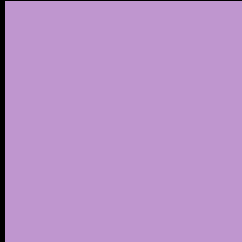
Large Text (above 18pt) WCAG AA × Fail

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 168.7570, 6.1390, 26.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

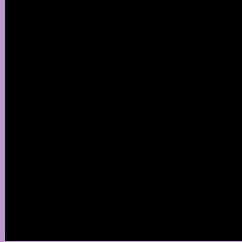
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.7570, 6.1390, 26.4190

Background



This preview shows how black text looks on a background with the YIQ color 168.7570, 6.1390, 26.4190.



This preview shows how white text looks on a background with the YIQ color 168.7570, 6.1390,

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

168.7570, 6.1390, 26.4190

Protanopia

165.1550, -24.7610, 13.7270

Deuteranopia

165.7170, -14.7200, 13.4720



Tritanopia

166.7400, 12.8360, 9.6680

Trichromacy



Original Color

168.7570, 6.1390, 26.4190

Protanomaly

166.3630, -13.4830, 18.5890

Deuteranomaly

166.7720, -7.3850, 18.2070

Tritanomaly

167.1730, 10.3590, 16.0150

Monochromacy



Original Color

168.7570, 6.1390, 26.4190

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.8790, 2.1990, 9.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.7570, 6.1390, 26.4190 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(191, 150, 207)` looks like.

```
.text, #text, p{  
    color:rgb(191, 150, 207)  
}
```

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(191, 150, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 150, 207) }
```

Border

The CSS property to change the border of an element to YIQ 168.7570, 6.1390, 26.4190 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(191, 150, 207) }
```


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

```
.border{ border-color:rgb(191, 150, 207) }
```

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

Here you see how a box with a 4 pixel rgb(191, 150, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 150, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 150, 207);  
box-shadow:4px 4px 4px 4px rgb(191, 150,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 168.7570, 6.1390, 26.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 150, 207) }
```

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

```
.background{ background-color: rgb(191,  
150, 207) }
```

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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