

Converting Colors

YIQ(170.1760, 6.2770, 23.9170)

Have a look what the booklet for
YIQ(170.1760, 6.2770, 23.9170)
contains.

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Color

**YIQ(170.1760, 6.2770,
23.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	BF99CC
RGB	191, 153, 204
RGB Percent	75%, 60%, 80%
CMY	0.2509, 0.4000, 0.2000
CMYK	0.06, 0.25, 0.00, 0.20
HSL	285°, 33%, 70%
HSV	285°, 25%, 80%
XYZ	43.7810, 38.2171, 62.1935
YIQ	170.1760, 6.2770, 23.9170

Conversions

Conversions Part 2

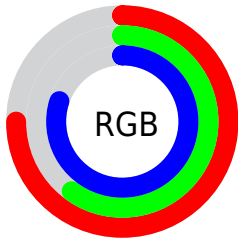
Format	Color
R_{YB}	191, 153, 204
Decimal	12556748
CIE _{Lab}	68.18, 23.30, -20.80
CIE _{LCh}	68, 31.237, 318.239
Yxy	38.2171, 0.3036, 0.2650
Android (android.graphics.Color)	4290746828 (0xFFBF99CC)
YUV	170.1760, 16.6752, 18.2626
Hunter-Lab	61.8200, 18.2288, -16.3742

Details

The YIQ color $170.1760, 6.2770, 23.9170$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $186.8240, -6.2770, -23.9170$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $225.3180, 8.7530, 23.0970$, and $117.9370, 5.4520, 22.3480$ is the 20% darker color. If you saturate the color by 10%, you get $156.9410, 8.7970, 33.3170$, and if you desaturate by 10%, it is $183.4110, 3.7570, 14.5170$.

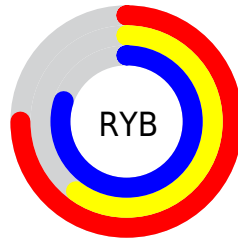
Distribution



Red (75%)

Green (60%)

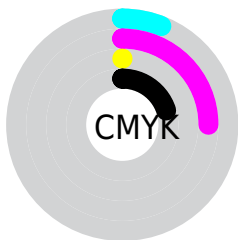
Blue (80%)



Red (75%)

Yellow (60%)

Blue (80%)

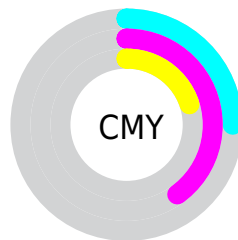


Cyan (6%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (25%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.1760, 6.2770, 23.9170 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 170.1760, 6.2770, 23.9170 by changing the saturation by 10% instead.

■ 170.1760, 6.2770,
23.9170

■ 170.1760, 6.2770,
23.9170

255.0000, -0.0000,
-0.0000

■ 143.6490, 6.3230,
23.0830

■ 225.3180, 8.7530,
23.0970

■ 117.9370, 5.4520,
22.3480

■ 243.8470, 5.2250,
9.9370

■ 92.5240, 5.1770,
21.8250

■ 68.6980, 4.6270,
20.7790

■ 45.8720, 4.0770,
19.7330

■ 23.4590, 3.8020,
19.2100

■ 8.9160, 0.7770,

13.4570

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 170.1760, 6.2770,
23.9170

■ 170.1760, 6.2770,
23.9170

■ 156.9410, 8.7970,
33.3170

■ 183.4110, 3.7570,
14.5170

■ 143.1190, 11.5920,
43.2400

■ 197.2330, 0.9620,
4.5940

■ 129.5850, 13.5160,
52.4280

■ 210.7670, -0.9620,
-4.5940

■ 115.7630, 16.3110,
62.3510

■ 224.5890, -3.7570,
-14.5170

■ 102.5280, 18.8310,
71.7510

■ 237.8240, -6.2770,
-23.9170

■ 89.2930, 21.3510,
81.1510

■ 239.3190, -3.2970,
-22.8570

■ 75.4710, 24.1460,
91.0740

■ 240.8140, -0.3170,
-21.7970

■ 68.7040, 25.1080,
95.6680

■ 242.6080, 3.2590,
-20.5250

■ 244.1030, 6.2390,
-19.4650

Harmonies

Analogous

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



166.8070, -23.6610, 15.8190



170.1760, 6.2770, 23.9170



170.3930, 30.5310, 24.8910

Triad

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



170.1760, 6.2770, 23.9170



165.7650, 36.9100, -8.1300



150.4200, -63.4970, -22.1610

Complementary

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



170.1760, 6.2770, 23.9170



186.8240, -6.2770, -23.9170

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.



154.6000, -37.8210, -24.9330



170.1760, 6.2770, 23.9170



162.7900, 17.4260, -18.4620

Square

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



170.1760, 6.2770, 23.9170



167.1720, 46.4900, 5.4820



159.1550, -8.7070, -23.9310



151.6940, -69.7800, -12.9160

Rectangle

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



170.1760, 6.2770, 23.9170



169.6190, 41.3980, 20.6780



159.1550, -8.7070, -23.9310



151.3730, -56.1150, -23.7870

Sweetspot

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



170.1760, 6.2770, 23.9170



241.7650, 2.5200, 9.4000



167.0320, -20.2210, 8.5390



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.



170.1760, 6.2770, 23.9170



204.7070, 9.5760, 35.7200



172.6950, 17.8770, 22.9410



95.2330, 0.9620, 4.5940



56.0000, 20.6180, 77.9140



13.0030, 5.0860, 17.9660

Inverse Universe

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



169.7310, 26.2230, 14.8550



203.8900, 39.1970, 22.0210



184.3050, -17.8770, -22.9410



95.2180, 5.3180, 2.7420



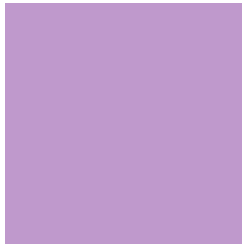
54.4220, 85.4540, 48.2540



12.5020, 19.4380, 11.1660

Previews

White Background



This preview shows how the YIQ color 170.1760, 6.2770, 23.9170 looks on a white background.

Color Contrast Check

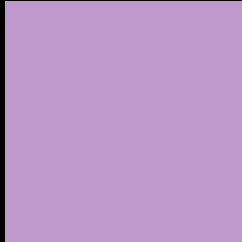
Large Text (above 18pt) WCAG AA × Fail

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 170.1760, 6.2770, 23.9170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

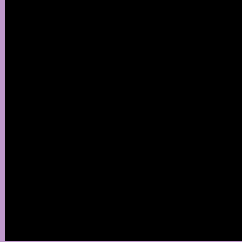
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.1760, 6.2770, 23.9170

Background



This preview shows how black text looks on a background with the YIQ color 170.1760, 6.2770, 23.9170.



This preview shows how white text looks on a background with the YIQ color 170.1760, 6.2770,

23.9170.

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

170.1760, 6.2770, 23.9170

Protanopia

167.0690, -21.6430, 12.2850

Deuteranopia

168.0440, -11.3270, 12.5530



Tritanopia

168.4410, 12.2400, 9.4560

Trichromacy



Original Color

170.1760, 6.2770, 23.9170

Protanomaly

168.2660, -11.8320, 16.2000

Deuteranomaly

168.5010, -5.1840, 16.8640

Tritanomaly

169.2330, 10.1300, 14.6580

Monochromacy



Original Color

170.1760, 6.2770, 23.9170

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.2380, 2.5660, 8.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.1760, 6.2770, 23.9170 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, 153, 204)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 204)  
}
```

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, 153, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 204) }
```

Border

The CSS property to change the border of an element to YIQ 170.1760, 6.2770, 23.9170 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, 153, 204) }
```


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

```
.border{ border-color:rgb(191, 153, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 204);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 170.1760, 6.2770, 23.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 204) }
```

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

```
.background{ background-color: rgb(191,  
153, 204) }
```

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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