

Converting Colors

YIQ(170.6490, 6.3230, 23.0830)

Have a look what the booklet for
YIQ(170.6490, 6.3230, 23.0830)
contains.

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Color

**YIQ(170.6490, 6.3230,
23.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9ACB
RGB	191, 154, 203
RGB Percent	75%, 60%, 80%
CMY	0.2509, 0.3961, 0.2039
CMYK	0.06, 0.24, 0.00, 0.20
HSL	285°, 32%, 70%
HSV	285°, 24%, 80%
XYZ	43.8256, 38.4980, 61.6189
YIQ	170.6490, 6.3230, 23.0830

Conversions

Conversions Part 2

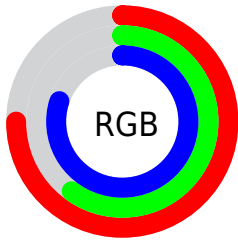
Format	Color
R_{YB}	191, 154, 203
Decimal	12557003
CIE _{Lab}	68.39, 22.54, -19.94
CIE _{LCh}	68, 30.096, 318.513
Yxy	38.4980, 0.3045, 0.2675
Android (android.graphics.Color)	4290747083 (0xFFBF9ACB)
YUV	170.6490, 15.9490, 17.8478
Hunter-Lab	62.0468, 17.4983, -15.4483

Details

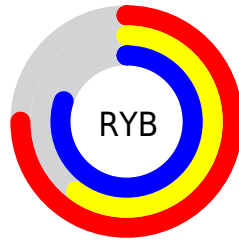
The YIQ color **170.6490, 6.3230, 23.0830** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.3510, -6.3230, -23.0830**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9050, 8.4780, 22.5740**, and **118.4100, 5.4980, 21.5140** is the 20% darker color. If you saturate the color by 10%, you get **157.4140, 8.8430, 32.4830**, and if you desaturate by 10%, it is **183.8840, 3.8030, 13.6830**.

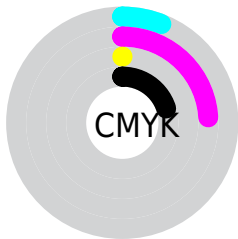
Distribution



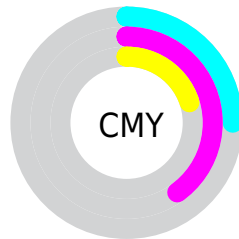
- Red (75%)
- Green (60%)
- Blue (80%)



- Red (75%)
- Yellow (60%)
- Blue (80%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.6490, 6.3230, 23.0830 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 170.6490, 6.3230, 23.0830 by changing the saturation by 10% instead.

 170.6490, 6.3230,
23.0830


 170.6490, 6.3230,
23.0830


255.0000, -0.0000,
-0.0000


 144.2360, 6.0480,
22.5600

 225.9050, 8.4780,
22.5740


 118.4100, 5.4980,
21.5140

 244.4340, 4.9500,
9.4140

 92.9970, 5.2230,
20.9910

 69.1710, 4.6730,
19.9450

 46.3450, 4.1230,
18.8990

 24.2310, 4.4440,
18.5880

 8.8020, 1.0980,

13.1460

■ 0.0000, 0.0000,
0.0000

■ 170.6490, 6.3230,
23.0830

■ 170.6490, 6.3230,
23.0830

■ 157.4140, 8.8430,
32.4830

■ 183.8840, 3.8030,
13.6830

■ 143.5920, 11.6380,
42.4060

■ 197.7060, 1.0080,
3.7600

■ 130.3570, 14.1580,
51.8060

■ 210.9410, -1.5120,
-5.6400

■ 117.1220, 16.6780,
61.2060

■ 224.1760, -4.0320,
-15.0400

■ 103.3000, 19.4730,
71.1290

■ 237.4110, -6.5520,
-24.4400

90.0650, 21.9930,
80.5290

238.9060, -3.5720,
-23.3800

76.8300, 24.5130,
89.9290

240.4010, -0.5920,
-22.3200

68.8890, 26.0250,
95.5690

241.8960, 2.3880,
-21.2600

243.3910, 5.3680,
-20.2000

Harmonies

Analogous

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



167.1770, -21.8270, 15.6210



170.6490, 6.3230, 23.0830



170.5670, 29.9810, 23.8450

Triad

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



170.6490, 6.3230, 23.0830



165.8080, 35.3510, -7.4090



151.9150, -60.5170, -21.1010

Complementary

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



170.6490, 6.3230, 23.0830



186.3510, -6.3230, -23.0830

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.



155.6110, -36.3540, -23.9860



170.6490, 6.3230, 23.0830



163.4310, 17.0590, -17.3170

Square

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



170.6490, 6.3230, 23.0830



168.2750, 44.7020, 4.8460



159.9810, -8.1570, -22.8850



153.4880, -66.2040, -11.6440

Rectangle

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



170.6490, 6.3230, 23.0830



169.7220, 39.6100, 20.0420



159.9810, -8.1570, -22.8850



152.9820, -53.4560, -22.4160

Sweetspot

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



170.6490, 6.3230, 23.0830



243.2380, 2.5660, 8.5660



166.6300, -19.0290, 8.9630



120.6460, 1.2370, 5.1170



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.



170.6490, 6.3230, 23.0830



206.1800, 9.6220, 34.8860



172.8690, 17.3270, 21.8950



95.5320, 1.5580, 4.8060



56.2990, 21.2140, 78.1260



13.0030, 5.0860, 17.9660

Inverse Universe

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



170.0190, 25.3520, 14.1200



205.1780, 38.3260, 21.2860



184.1310, -17.3270, -21.8950



95.2180, 5.3180, 2.7420



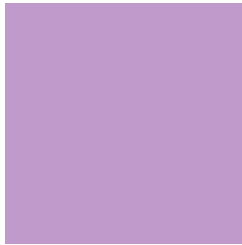
54.1940, 86.0960, 47.6320



12.3880, 19.7590, 10.8550

Previews

White Background



This preview shows how the YIQ color 170.6490, 6.3230, 23.0830 looks on a white background.

Color Contrast Check

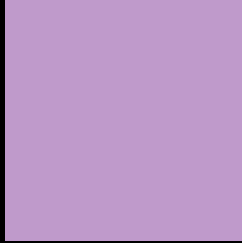
Large Text (above 18pt) WCAG AA × Fail

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 170.6490, 6.3230, 23.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

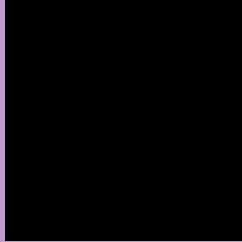
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.6490, 6.3230, 23.0830

Background



This preview shows how black text looks on a background with the YIQ color 170.6490, 6.3230, 23.0830.



This preview shows how white text looks on a background with the YIQ color 170.6490, 6.3230,

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

170.6490, 6.3230, 23.0830

Protanopia

167.5530, -20.1300, 12.3980

Deuteranopia

168.2290, -10.4100, 12.4540



Tritanopia

169.1420, 11.6440, 9.2440

Trichromacy



Original Color

170.6490, 6.3230, 23.0830

Protanomaly

168.7500, -10.3190, 16.3130

Deuteranomaly

169.2730, -4.5420, 16.2420

Tritanomaly

169.8200, 9.8550, 14.1350

Monochromacy



Original Color

170.6490, 6.3230, 23.0830

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.9390, 1.9700, 8.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.6490, 6.3230, 23.0830 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, 154, 203)` looks like.

```
.text, #text, p{  
    color:rgb(191, 154, 203)  
}
```

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, 154, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 154, 203) }
```

Border

The CSS property to change the border of an element to YIQ 170.6490, 6.3230, 23.0830 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, 154, 203) }
```


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

```
.border{ border-color:rgb(191, 154, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 154, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 154, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 154, 203);  
box-shadow:4px 4px 4px 4px rgb(191, 154,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 170.6490, 6.3230, 23.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 154, 203) }
```

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

```
.background{ background-color: rgb(191,  
154, 203) }
```

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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