

Converting Colors

YIQ(159.6450, 12.1460, 22.1780)

Have a look what the booklet for
YIQ(159.6450, 12.1460, 22.1780)
contains.

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Color

**YIQ(159.6450, 12.1460,
22.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	B98EB8
RGB	185, 142, 184
RGB Percent	73%, 56%, 72%
CMY	0.2744, 0.4432, 0.2784
CMYK	0.00, 0.23, 0.01, 0.27
HSL	301°, 24%, 64%
HSV	301°, 23%, 73%
XYZ	38.3380, 33.1199, 49.7217
YIQ	159.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

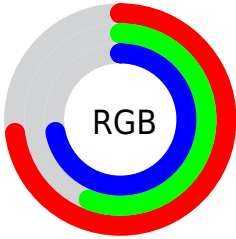
Format	Color
R _Y B	185, 142, 184
Decimal	12160696
CIE Lab	64.26, 23.49, -15.64
CIE LCh	64, 28.221, 326.350
Yxy	33.1199, 0.3164, 0.2733
Android (android.graphics.Color)	4290350776 (0xFFB98EB8)
YUV	159.6450, 12.0070, 22.2363
Hunter-Lab	57.5499, 18.1990, -10.9403

Details

The YIQ color **159.6450, 12.1460, 22.1780** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167.3550, -12.1460, -22.1780**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.4710, 12.6960, 23.2240**, and **107.5200, 11.0000, 20.9200** is the 20% darker color. If you saturate the color by 10%, you get **148.4920, 17.3710, 32.1150**, and if you desaturate by 10%, it is **170.2110, 7.1960, 12.7640**.

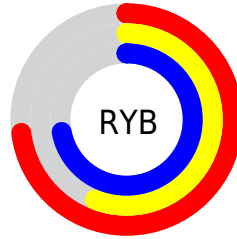
Distribution



Red (73%)

Green (56%)

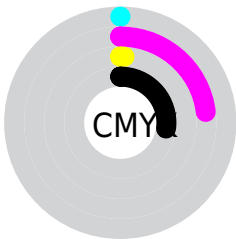
Blue (72%)



Red (73%)

Yellow (56%)

Blue (72%)

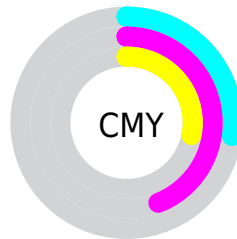


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (44%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.6450, 12.1460, 22.1780 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 159.6450, 12.1460, 22.1780 by changing the saturation by 10% instead.

■ 159.6450, 12.1460,
22.1780

■ 159.6450, 12.1460,
22.1780

■ 255.0000, -0.0000,
-0.0000

■ 133.2320, 11.8710,
21.6550

■ 214.7700, 13.2920,
23.4360

■ 107.5200, 11.0000,
20.9200

■ 236.8030, 8.5250,
16.2130

■ 83.1070, 10.7250,
20.3970

■ 253.8260, 0.5500,
1.0460

■ 59.2810, 10.1750,
19.3510

■ 36.5690, 9.3040,
18.6160

■ 14.9820, 9.5790,
19.1390

■ 2.1830, -4.7690,

3.8310

0.0000, 0.0000,
0.0000

159.6450, 12.1460,
22.1780

159.6450, 12.1460,
22.1780

148.4920, 17.3710,
32.1150

170.2110, 7.1960,
12.7640

137.8120, 22.6420,
41.2180

181.4780, 1.6500,
3.1380

126.6590, 27.8670,
51.1550

192.0440, -3.3000,
-6.2760

115.9790, 33.1380,
60.2580

203.3110, -8.8460,
-15.9020

104.8260, 38.3630,
70.1950

214.4640,
-14.0710, -25.8390

■ 94.1460, 43.6340,
79.2980

■ 225.1440,
-19.3420, -34.9420

■ 82.9930, 48.8590,
89.2350

■ 226.3180,
-19.8920, -35.9880

■ 75.9490, 52.1590,
95.5110

■ 226.4320,
-20.2130, -35.6770

Harmonies

Analogous

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



157.3090, -13.3910, 16.9210



159.6450, 12.1460, 22.1780



159.3560, 31.9530, 21.1450

Triad

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



159.6450, 12.1460, 22.1780



154.5190, 28.7950, -9.7410



141.8060, -58.5920, -17.4400

Complementary

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



159.6450, 12.1460, 22.1780



167.3550, -12.1460, -22.1780

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.



144.3380, -39.8390, -21.3990



159.6450, 12.1460, 22.1780



151.8970, 9.8150, -18.1930

Square

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



159.6450, 12.1460, 22.1780



156.8290, 40.0260, 1.4820



148.6860, -14.5760, -22.1920



145.3150, -58.2270, -7.5310

Rectangle

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



159.6450, 12.1460, 22.1780



158.3150, 39.1980, 16.4940



148.6860, -14.5760, -22.1920



142.3780, -54.5110, -19.8150

Sweetspot

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



159.6450, 12.1460, 22.1780



229.9070, 4.9960, 8.5800



147.2010, -13.2070, 13.5850



114.1300, 2.7500, 5.2300



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.6450, 12.1460, 22.1780



200.4430, 19.0670, 34.4190



157.2510, 18.8870, 15.6470



86.7170, 2.4750, 4.7070



63.9720, 44.1840, 80.3440



11.4500, 8.0210, 14.3330

Inverse Universe

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



159.6450, 12.1460, 22.1780



200.4430, 19.0670, 34.4190



169.7490, -18.8870, -15.6470



86.7170, 2.4750, 4.7070



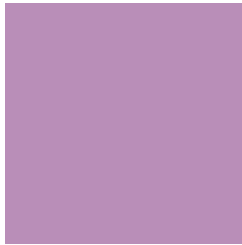
63.9720, 44.1840, 80.3440



11.4500, 8.0210, 14.3330

Previews

White Background



This preview shows how the YIQ color 159.6450, 12.1460, 22.1780 looks on a white background.

Color Contrast Check

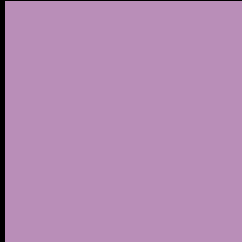
Large Text (above 18pt) WCAG AA × Fail

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 159.6450, 12.1460, 22.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

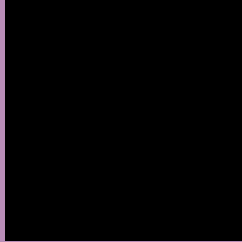
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.6450, 12.1460, 22.1780

Background



This preview shows how black text looks on a background with the YIQ color 159.6450, 12.1460, 22.1780.



This preview shows how white text looks on a background with the YIQ color 159.6450, 12.1460,

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

159.6450, 12.1460, 22.1780

Protanopia

156.3530, -16.6910, 10.6450

Deuteranopia

157.5130, -5.4580, 10.8140



Tritanopia

158.4200, 16.7330, 10.6290

Trichromacy



Original Color

159.6450, 12.1460, 22.1780

Protanomaly

157.8490, -6.2840, 14.7720

Deuteranomaly

157.9700, 0.6850, 15.1250

Tritanomaly

158.5710, 14.9900, 14.6860

Monochromacy



Original Color

159.6450, 12.1460, 22.1780

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.6080, 4.4000, 8.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.6450, 12.1460, 22.1780 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, 142, 184)` looks like.

```
.text, #text, p{  
    color:rgb(185, 142, 184)  
}
```

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, 142, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 142, 184) }
```

Border

The CSS property to change the border of an element to YIQ 159.6450, 12.1460, 22.1780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

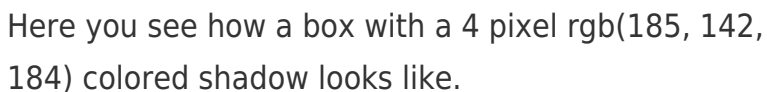
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 142, 184) }
```


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

```
.border{ border-color:rgb(185, 142, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 142, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 142, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 142, 184); box-shadow:4px 4px 4px 4px rgb(185, 142, 184) }
```

Background

The CSS property to change the background color of an element to YIQ 159.6450, 12.1460, 22.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 142, 184) }
```

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

```
.background{ background-color: rgb(185,  
142, 184) }
```

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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