

Converting Colors

YIQ(156.6450, 12.1460, 22.1780)

Have a look what the booklet for
YIQ(156.6450, 12.1460, 22.1780)
contains.

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Color

**YIQ(156.6450, 12.1460,
22.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	B68BB5
RGB	182, 139, 181
RGB Percent	71%, 55%, 71%
CMY	0.2861, 0.4550, 0.2902
CMYK	0.00, 0.24, 0.01, 0.29
HSL	301°, 23%, 63%
HSV	301°, 24%, 71%
XYZ	36.8701, 31.7455, 47.9024
YIQ	156.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

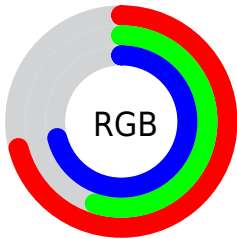
Format	Color
RYB	182, 139, 181
Decimal	11963317
CIELab	63.13, 23.57, -15.68
CIELCh	63, 28.307, 326.369
Yxy	31.7455, 0.3164, 0.2725
Android (android.graphics.Color)	4290153397 (0xFFB68BB5)
YUV	156.6450, 12.0070, 22.2363
Hunter-Lab	56.3431, 18.2072, -10.9677

Details

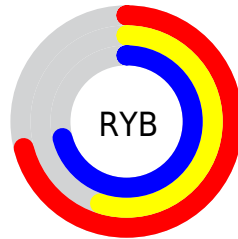
The YIQ color **156.6450, 12.1460, 22.1780** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164.3550, -12.1460, -22.1780**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.4710, 12.6960, 23.2240**, and **104.8190, 11.5960, 21.1320** is the 20% darker color. If you saturate the color by 10%, you get **146.0790, 17.0960, 31.5920**, and if you desaturate by 10%, it is **167.2110, 7.1960, 12.7640**.

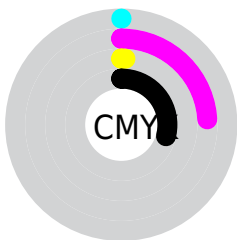
Distribution



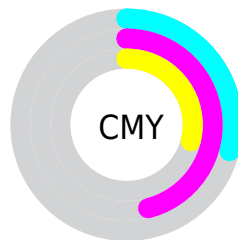
- Red (71%)
- Green (55%)
- Blue (71%)



- Red (71%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.6450, 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 156.6450, 12.1460, 22.1780 by changing the saturation by 10% instead.

■ 156.6450, 12.1460,
22.1780

■ 156.6450, 12.1460,
22.1780

255.0000, -0.0000,
-0.0000

■ 130.2320, 11.8710,
21.6550

■ 211.4710, 12.6960,
23.2240

■ 104.8190, 11.5960,
21.1320

■ 235.0420, 9.3500,
17.7820

■ 80.6940, 10.4500,
19.8740

■ 251.4780, 1.6500,
3.1380

■ 56.9820, 9.5790,
19.1390

■ 34.5690, 9.3040,
18.6160

■ 14.0420, 9.3500,
17.7820

■ 1.0260, -2.8890,

2.7990

0.0000, 0.0000,
0.0000

156.6450, 12.1460,
22.1780

156.6450, 12.1460,
22.1780

146.0790, 17.0960,
31.5920

167.2110, 7.1960,
12.7640

135.3990, 22.3670,
40.6950

177.8910, 1.9250,
3.6610

124.2460, 27.5920,
50.6320

189.0440, -3.3000,
-6.2760

113.5660, 32.8630,
59.7350

199.7240, -8.5710,
-15.3790

103.0000, 37.8130,
69.1490

210.2900,
-13.5210, -24.7930

■ 92.3200, 43.0840,
78.2520

■ 220.9700,
-18.7920, -33.8960

■ 81.7540, 48.0340,
87.6660

■ 225.0790,
-20.7170, -37.5570

■ 74.7100, 51.3340,
93.9420

■ 225.1930,
-21.0380, -37.2460

Harmonies

Analogous

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



154.3090, -13.3910, 16.9210



156.6450, 12.1460, 22.1780



156.0570, 31.3570, 20.9330

Triad

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



156.6450, 12.1460, 22.1780



151.5190, 28.7950, -9.7410



138.5070, -59.1880, -17.6520

Complementary

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



156.6450, 12.1460, 22.1780



164.3550, -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.



141.0390, -40.4350, -21.6110



156.6450, 12.1460, 22.1780



148.8970, 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.



156.6450, 12.1460, 22.1780



153.8290, 40.0260, 1.4820



145.6860, -14.5760, -22.1920



142.0160, -58.8230, -7.7430

Rectangle

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



156.6450, 12.1460, 22.1780



155.3150, 39.1980, 16.4940



145.6860, -14.5760, -22.1920



139.3780, -54.5110, -19.8150

Sweetspot

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



156.6450, 12.1460, 22.1780



227.6080, 4.4000, 8.3680



144.2010, -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.



156.6450, 12.1460, 22.1780



198.1440, 18.4710, 34.2070



154.2510, 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.



156.6450, 12.1460, 22.1780



198.1440, 18.4710, 34.2070



166.7490, -18.8870, -15.6470



86.7170, 2.4750, 4.7070



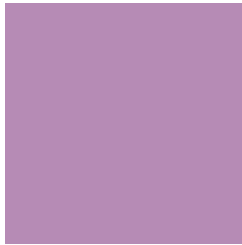
63.9720, 44.1840, 80.3440



11.4500, 8.0210, 14.3330

Previews

White Background



This preview shows how the YIQ color 156.6450, 12.1460, 22.1780 looks on a white background.

Color Contrast Check

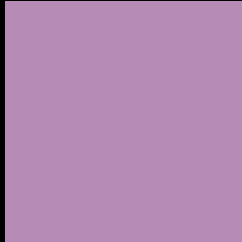
Large Text (above 18pt) WCAG AA × Fail

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 156.6450, 12.1460, 22.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

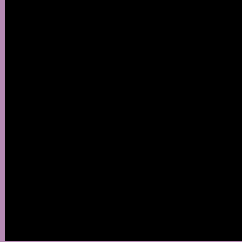
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.6450, 12.1460, 22.1780

Background



This preview shows how black text looks on a background with the YIQ color 156.6450, 12.1460, 22.1780.



This preview shows how white text looks on a background with the YIQ color 156.6450, 12.1460,

22.1780.

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

156.6450, 12.1460, 22.1780

Protanopia

153.9400, -16.9660, 10.1220

Deuteranopia

154.2140, -6.0540, 10.6020



Tritanopia

155.4200, 16.7330, 10.6290

Trichromacy



Original Color

156.6450, 12.1460, 22.1780

Protanomaly

154.8490, -6.2840, 14.7720

Deuteranomaly

154.9700, 0.6850, 15.1250

Tritanomaly

155.5710, 14.9900, 14.6860

Monochromacy



Original Color

156.6450, 12.1460, 22.1780

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.6080, 4.4000, 8.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.6450, 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(182, 139, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 139, 181)  
}
```

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(182, 139, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 139, 181) }
```

Border

The CSS property to change the border of an element to YIQ 156.6450, 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(182, 139, 181) }
```


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

```
.border{ border-color:rgb(182, 139, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 139, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 139, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 139, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 139,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 156.6450, 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(182, 139, 181) }
```

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

```
.background{ background-color: rgb(182,  
139, 181) }
```

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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