

Converting Colors

YIQ(156.2330, 19.2980, 24.7220)

Have a look what the booklet for
YIQ(156.2330, 19.2980, 24.7220)
contains.

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Color

**YIQ(156.2330, 19.2980,
24.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	BE87B1
RGB	190, 135, 177
RGB Percent	75%, 53%, 69%
CMY	0.2547, 0.4707, 0.3058
CMYK	0.00, 0.29, 0.07, 0.25
HSL	314°, 30%, 64%
HSV	314°, 29%, 75%
XYZ	37.8429, 31.4486, 45.6765
YIQ	156.2330, 19.2980, 24.7220

Conversions

Conversions Part 2

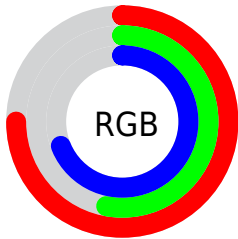
Format	Color
RYB	190, 135, 177
Decimal	12486577
CIELab	62.88, 27.81, -13.71
CIELCh	63, 31.010, 333.761
Yxy	31.4486, 0.3292, 0.2735
Android (android.graphics.Color)	4290676657 (0xFFBE87B1)
YUV	156.2330, 10.2381, 29.6137
Hunter-Lab	56.0791, 22.3159, -9.0365

Details

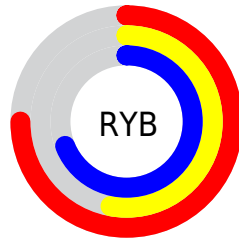
The YIQ color **156.2330, 19.2980, 24.7220** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **168.7670, -19.2980, -24.7220**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.3580, 20.4440, 25.9800**, and **104.1080, 18.1520, 23.4640** is the 20% darker color. If you saturate the color by 10%, you get **144.6240, 25.8070, 33.4150**, and if you desaturate by 10%, it is **167.9560, 12.4680, 16.3400**.

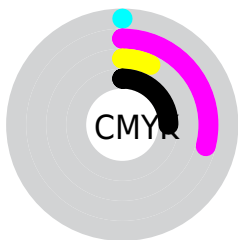
Distribution



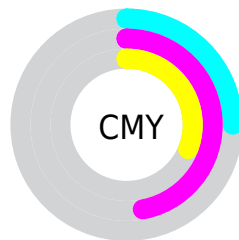
- Red (75%)
- Green (53%)
- Blue (69%)



- Red (75%)
- Yellow (53%)
- Blue (69%)



- Cyan (0%)
- Magenta (29%)
- Yellow (7%)
- Black (25%)



- Cyan (25%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.2330, 19.2980, 24.7220 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 156.2330, 19.2980, 24.7220 by changing the saturation by 10% instead.

156.2330, 19.2980,
24.7220

156.2330, 19.2980,
24.7220

255.0000, -0.0000,
-0.0000

129.8200, 19.0230,
24.1990

211.3580, 20.4440,
25.9800

104.1080, 18.1520,
23.4640

232.6940, 10.4500,
19.8740

79.3960, 17.2810,
22.7290

249.1300, 2.7500,
5.2300

55.6840, 16.4100,
21.9940

32.4990, 15.4930,
22.0930

15.3090, 12.9720,
18.2200

0.4560, -1.2840,

1.2440

■ 0.0000, 0.0000,
0.0000

■ 156.2330, 19.2980,
24.7220

■ 156.2330, 19.2980,
24.7220

■ 144.6240, 25.8070,
33.4150

■ 167.9560, 12.4680,
16.3400

■ 132.9010, 32.6370,
41.7970

■ 179.5650, 5.9590,
7.6470

■ 121.2920, 39.1460,
50.4900

■ 191.2880, -0.8710,
-0.7350

■ 109.5690, 45.9760,
58.8720

■ 202.8970, -7.3800,
-9.4280

■ 97.9600, 52.4850,
67.5650

■ 214.5060,
-13.8890, -18.1210

■ 86.2370, 59.3150,
75.9470

■ 226.2290,
-20.7190, -26.5030

■ 74.6280, 65.8240,
84.6400

■ 230.2070,
-23.6530, -28.3970

■ 73.3400, 66.6950,
85.3750

■ 230.7770,
-25.2580, -26.8420

■ 231.2330,
-26.5420, -25.5980

Harmonies

Analogous

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



154.9400, -7.7980, 20.1860



156.2330, 19.2980, 24.7220



155.2920, 38.0050, 21.5970

Triad

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



156.2330, 19.2980, 24.7220



150.5140, 27.1910, -13.7130



134.3360, -71.8880, -18.7680

Complementary

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



156.2330, 19.2980, 24.7220



168.7670, -19.2980, -24.7220

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.



137.2270, -52.7680, -23.8720



156.2330, 19.2980, 24.7220



147.2660, 4.2220, -21.4580

Square

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



156.2330, 19.2980, 24.7220



152.2050, 41.7230, -1.7410



142.7280, -23.5620, -24.5380



140.4440, -62.9040, -5.3680

Rectangle

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



156.2330, 19.2980, 24.7220



154.3110, 45.0210, 15.5890



142.7280, -23.5620, -24.5380



134.4950, -68.0820, -21.6660

Sweetspot

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



156.2330, 19.2980, 24.7220



233.5160, 7.6550, 9.9510



145.1570, -9.9070, 19.8610



116.4400, 4.8130, 6.3890



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



156.2330, 19.2980, 24.7220



194.2380, 30.0700, 38.7580



153.1550, 27.9650, 16.3250



88.4890, 3.1170, 4.0850



61.0360, 55.3270, 71.1270



11.8910, 11.0930, 13.7250

Inverse Universe

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



156.2330, 19.2980, 24.7220



194.2380, 30.0700, 38.7580



171.8450, -27.9650, -16.3250



88.4890, 3.1170, 4.0850



61.0360, 55.3270, 71.1270



11.8910, 11.0930, 13.7250

Previews

White Background



This preview shows how the YIQ color 156.2330, 19.2980, 24.7220 looks on a white background.

Color Contrast Check

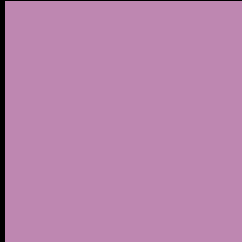
Large Text (above 18pt) WCAG AA × Fail

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 156.2330, 19.2980, 24.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

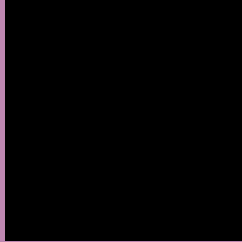
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.2330, 19.2980, 24.7220

Background



This preview shows how black text looks on a background with the YIQ color 156.2330, 19.2980, 24.7220.



This preview shows how white text looks on a background with the YIQ color 156.2330, 19.2980,

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

156.2330, 19.2980, 24.7220

Protanopia

153.1250, -16.0490, 10.0230

Deuteranopia

154.2420, -3.2570, 9.4710



Tritanopia

155.3070, 24.4810, 13.3850

Trichromacy



Original Color

156.2330, 19.2980, 24.7220

Protanomaly

154.2300, -2.9830, 15.5210

Deuteranomaly

155.0090, 4.9490, 14.9410

Tritanomaly

155.4580, 22.7380, 17.4420

Monochromacy



Original Color

156.2330, 19.2980, 24.7220

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.8040, 6.7840, 9.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.2330, 19.2980, 24.7220 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(190, 135, 177)` looks like.

```
.text, #text, p{  
    color:rgb(190, 135, 177)  
}
```

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(190, 135, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 135, 177) }
```

Border

The CSS property to change the border of an element to YIQ 156.2330, 19.2980, 24.7220 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(190, 135, 177) }
```


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

```
.border{ border-color:rgb(190, 135, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 135, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 135, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 135, 177); box-shadow:4px 4px 4px 4px rgb(190, 135, 177) }
```

Background

The CSS property to change the background color of an element to YIQ 156.2330, 19.2980, 24.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 135, 177) }
```

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

```
.background{ background-color: rgb(190,  
135, 177) }
```

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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