

Converting Colors

YIQ(167.3580, 20.4440, 25.9800)

Have a look what the booklet for
YIQ(167.3580, 20.4440, 25.9800)
contains.

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Color

**YIQ(167.3580, 20.4440,
25.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	CB91BD
RGB	203, 145, 189
RGB Percent	80%, 57%, 74%
CMY	0.2038, 0.4314, 0.2588
CMYK	0.00, 0.29, 0.07, 0.20
HSL	314°, 36%, 68%
HSV	314°, 29%, 80%
XYZ	43.9484, 36.6205, 52.9031
YIQ	167.3580, 20.4440, 25.9800

Conversions

Conversions Part 2

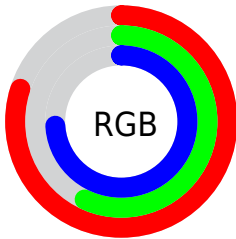
Format	Color
R _Y B	203, 145, 189
Decimal	13341117
CIE Lab	66.99, 28.92, -14.14
CIE LCh	67, 32.190, 333.939
Yxy	36.6205, 0.3293, 0.2744
Android (android.graphics.Color)	4291531197 (0xFFFCB91BD)
YUV	167.3580, 10.6695, 31.2580
Hunter-Lab	60.5148, 23.7331, -9.4719

Details

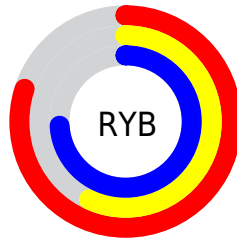
The YIQ color $167.3580, 20.4440, 25.9800$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $180.6420, -20.4440, -25.9800$, and the grayscale version is $167.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $220.9880, 18.6100, 26.1780$, and $114.9340, 18.7020, 24.5100$ is the 20% darker color. If you saturate the color by 10%, you get $155.0480, 27.5490, 34.8850$, and if you desaturate by 10%, it is $179.6680, 13.3390, 17.0750$.

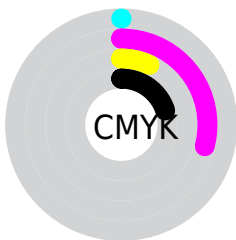
Distribution



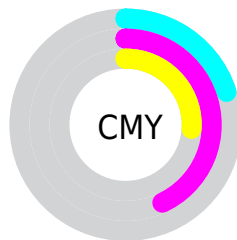
- Red (80%)
- Green (57%)
- Blue (74%)



- Red (80%)
- Yellow (57%)
- Blue (74%)



- Cyan (0%)
- Magenta (29%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.3580, 20.4440, 25.9800 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 167.3580, 20.4440, 25.9800 by changing the saturation by 10% instead.

■ 167.3580, 20.4440,
25.9800

■ 167.3580, 20.4440,
25.9800

255.0000, -0.0000,
-0.0000

■ 140.6460, 19.5730,
25.2450

■ 220.9880, 18.6100,
26.1780

■ 114.9340, 18.7020,
24.5100

■ 239.1510, 7.4250,
14.1210

■ 89.5210, 18.4270,
23.9870

■ 65.5100, 16.9600,
23.0400

■ 41.3250, 16.0430,
23.1390

■ 18.9120, 15.7680,
22.6160

■ 9.7550, 8.4800,

11.5200

■ 0.0000, 0.0000,
0.0000

■ 167.3580, 20.4440,
25.9800

■ 167.3580, 20.4440,
25.9800

■ 155.0480, 27.5490,
34.8850

■ 179.6680, 13.3390,
17.0750

■ 142.1510, 34.9290,
44.3130

■ 192.5650, 5.9590,
7.6470

■ 129.8410, 42.0340,
53.2180

■ 204.8750, -1.1460,
-1.2580

■ 117.5310, 49.1390,
62.1230

■ 217.1850, -8.2510,
-10.1630

■ 104.6340, 56.5190,
71.5510

■ 230.0820,
-15.6310, -19.5910

■ 92.4380, 63.3030,
80.7670

■ 235.2340,
-19.1150, -22.5310

■ 80.1280, 70.4080,
89.6720

■ 235.8040,
-20.7200, -20.9760

■ 78.2530, 71.5540,
90.9300

■ 236.3740,
-22.3250, -19.4210

■ 236.9440,
-23.9300, -17.8660

Harmonies

Analogous

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



165.8800, -7.5690, 21.5430



167.3580, 20.4440, 25.9800



166.4880, 40.3890, 22.4450

Triad

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



167.3580, 20.4440, 25.9800



160.5850, 28.4290, -14.1230



144.8410, -74.8680, -19.8280

Complementary

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



167.3580, 20.4440, 25.9800



180.6420, -20.4440, -25.9800

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.



147.9170, -54.8310, -25.0310



167.3580, 20.4440, 25.9800



157.6250, 4.5890, -22.6030

Square

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



167.3580, 20.4440, 25.9800



163.5750, 43.5570, -1.9390



153.6030, -24.7080, -25.7960



151.3620, -65.6090, -5.9050

Rectangle

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



167.3580, 20.4440, 25.9800



165.2080, 46.8090, 16.2250



153.6030, -24.7080, -25.7960



144.7120, -70.1910, -21.9910

Sweetspot

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



167.3580, 20.4440, 25.9800



240.8150, 8.2510, 10.1630



155.7980, -10.2740, 21.0060



118.7390, 5.4090, 6.6010



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.



167.3580, 20.4440, 25.9800



201.5370, 30.6660, 38.9700



164.0520, 29.7530, 16.9610



95.9020, 3.3920, 4.6080



63.9980, 58.4900, 74.3780



14.6680, 13.3390, 17.0750

Inverse Universe

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



167.3580, 20.4440, 25.9800



201.5370, 30.6660, 38.9700



183.9480, -29.7530, -16.9610



95.9020, 3.3920, 4.6080



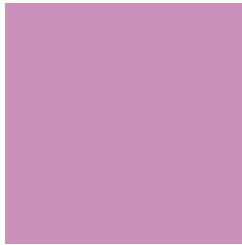
63.9980, 58.4900, 74.3780



14.6680, 13.3390, 17.0750

Previews

White Background



This preview shows how the YIQ color 167.3580, 20.4440, 25.9800 looks on a white background.

Color Contrast Check

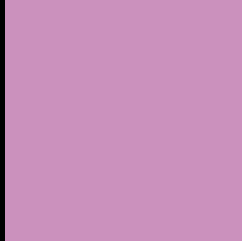
Large Text (above 18pt) WCAG AA × Fail

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 167.3580, 20.4440, 25.9800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

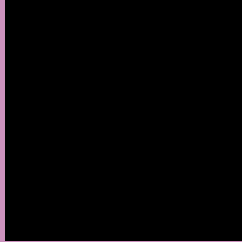
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.3580, 20.4440, 25.9800

Background



This preview shows how black text looks on a background with the YIQ color 167.3580, 20.4440, 25.9800.



This preview shows how white text looks on a background with the YIQ color 167.3580, 20.4440,

25.9800.

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

167.3580, 20.4440, 25.9800

Protanopia

164.2390, -16.3700, 10.3340

Deuteranopia

164.7690, -3.3030, 10.3050



Tritanopia

166.3180, 25.9480, 14.3320

Trichromacy



Original Color

167.3580, 20.4440, 25.9800

Protanomaly

165.3440, -3.3040, 15.8320

Deuteranomaly

165.8350, 5.4990, 15.9870

Tritanomaly

166.5830, 23.8840, 18.7000

Monochromacy



Original Color

167.3580, 20.4440, 25.9800

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.1030, 7.3800, 9.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.3580, 20.4440, 25.9800 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(203, 145, 189)` looks like.

```
.text, #text, p{  
    color:rgb(203, 145, 189)  
}
```

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(203, 145, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 145, 189) }
```

Border

The CSS property to change the border of an element to YIQ 167.3580, 20.4440, 25.9800 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(203, 145, 189) }
```


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

```
.border{ border-color:rgb(203, 145, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 145, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 145, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 145, 189);  
box-shadow:4px 4px 4px 4px rgb(203, 145,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 167.3580, 20.4440, 25.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 145, 189) }
```

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

```
.background{ background-color: rgb(203,  
145, 189) }
```

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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