

Converting Colors

YIQ(165.7890, 20.3080, 17.4280)

Have a look what the booklet for
YIQ(165.7890, 20.3080, 17.4280)
contains.

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Color

**YIQ(165.7890, 20.3080,
17.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	C495AD
RGB	196, 149, 173
RGB Percent	77%, 58%, 68%
CMY	0.2312, 0.4157, 0.3215
CMYK	0.00, 0.24, 0.12, 0.23
HSL	329°, 29%, 68%
HSV	329°, 24%, 77%
XYZ	41.0620, 36.2465, 44.3753
YIQ	165.7890, 20.3080, 17.4280

Conversions

Conversions Part 2

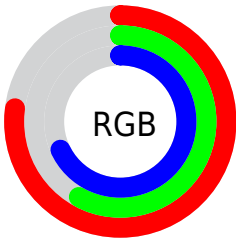
Format	Color
R _Y B	196, 149, 173
Decimal	12883373
CIE Lab	66.71, 21.48, -5.68
CIE LCh	67, 22.221, 345.183
Yxy	36.2465, 0.3374, 0.2979
Android (android.graphics.Color)	4291073453 (0xFFC495AD)
YUV	165.7890, 3.5550, 26.4950
Hunter-Lab	60.2051, 16.3846, -1.5572

Details

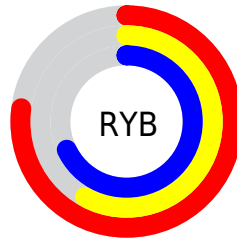
The YIQ color **165.7890, 20.3080, 17.4280** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.2110, -20.3080, -17.4280**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8000, 21.7750, 18.3750**, and **113.7780, 18.8410, 16.4810** is the 20% darker color. If you saturate the color by 10%, you get **152.9090, 29.0180, 24.7780**, and if you desaturate by 10%, it is **178.6690, 11.5980, 10.0780**.

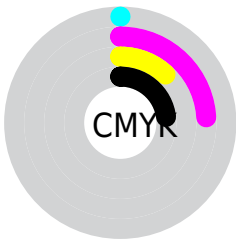
Distribution



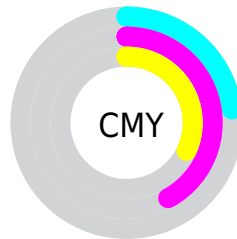
- Red (77%)
- Green (58%)
- Blue (68%)



- Red (77%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (24%)
- Yellow (12%)
- Black (23%)



- Cyan (23%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.7890, 20.3080, 17.4280 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 165.7890, 20.3080, 17.4280 by changing the saturation by 10% instead.

■ 165.7890, 20.3080,
17.4280

■ 165.7890, 20.3080,
17.4280

255.0000, -0.0000,
-0.0000

■ 139.0770, 19.4370,
16.6930

■ 220.8000, 21.7750,
18.3750

■ 113.7780, 18.8410,
16.4810

■ 241.4990, 6.3250,
12.0290

■ 89.0660, 17.9700,
15.7460

■ 64.7670, 17.3740,
15.5340

■ 41.8700, 15.5860,
14.8980

■ 19.6850, 14.6690,
14.9970

■ 5.0830, 10.1320,

3.6040

■ 0.0000, 0.0000,
0.0000

■ 165.7890, 20.3080,
17.4280

■ 165.7890, 20.3080,
17.4280

■ 152.9090, 29.0180,
24.7780

■ 178.6690, 11.5980,
10.0780

■ 140.7300, 37.1320,
31.9160

■ 190.8480, 3.4840,
2.9400

■ 127.8500, 45.8420,
39.2660

■ 203.7280, -5.2260,
-4.4100

■ 115.6710, 53.9560,
46.4040

■ 215.9070,
-13.3400, -11.5480

■ 102.7910, 62.6660,
53.7540

■ 228.7870,
-22.0500, -18.8980

■ 89.9110, 71.3760,
61.1040

■ 234.6230,
-27.4600, -19.9720

■ 77.7320, 79.4900,
68.2420

■ 235.6490,
-30.3490, -17.1730

■ 70.0040, 84.7160,
72.6520

■ 236.7890,
-33.5590, -14.0630

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



165.3940, 2.4270, 16.5950



165.7890, 20.3080, 17.4280



165.0150, 31.1750, 13.2150

Triad

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



165.7890, 20.3080, 17.4280



160.3370, 14.6280, -11.8040



154.9160, -43.9220, -7.9700

Complementary

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



165.7890, 20.3080, 17.4280



179.2110, -20.3080, -17.4280

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.



153.7390, -39.2900, -14.8260



165.7890, 20.3080, 17.4280



158.1220, -3.9400, -16.7080

Square

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



165.7890, 20.3080, 17.4280



162.4960, 27.6020, -4.6380



155.2430, -23.3340, -17.6540



158.5030, -35.0290, 1.5710

Rectangle

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



165.7890, 20.3080, 17.4280



164.4080, 34.2020, 7.9140



155.2430, -23.3340, -17.6540



154.0360, -44.3800, -10.6840

Sweetspot

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



165.7890, 20.3080, 17.4280



243.4080, 7.8390, 6.6150



161.2350, -1.3790, 19.4930



120.9730, 4.6300, 4.1980



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.



165.7890, 20.3080, 17.4280



207.4580, 31.9060, 27.5060



163.1670, 27.6910, 10.2750



90.5600, 4.3550, 3.6750



57.4870, 69.6340, 59.6340



11.8050, 14.2110, 12.2830

Inverse Universe

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



165.7890, 20.3080, 17.4280



207.4580, 31.9060, 27.5060



181.8330, -27.6910, -10.2750



90.5600, 4.3550, 3.6750



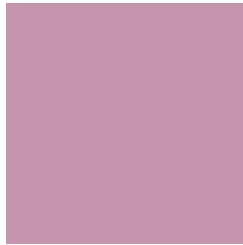
57.4870, 69.6340, 59.6340



11.8050, 14.2110, 12.2830

Previews

White Background



This preview shows how the YIQ color 165.7890, 20.3080, 17.4280 looks on a white background.

Color Contrast Check

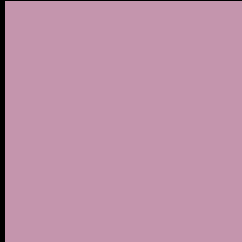
Large Text (above 18pt) WCAG AA × Fail

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 165.7890, 20.3080, 17.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

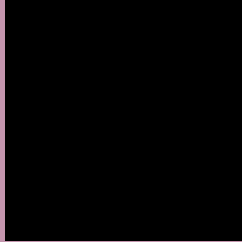
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.7890, 20.3080, 17.4280

Background



This preview shows how black text looks on a background with the YIQ color 165.7890, 20.3080, 17.4280.



This preview shows how white text looks on a background with the YIQ color 165.7890, 20.3080,

17.4280.

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

165.7890, 20.3080, 17.4280

Protanopia

162.9810, -7.0160, 6.0080

Deuteranopia

164.2660, 5.3630, 7.4350



Tritanopia

165.4100, 22.6930, 12.7490

Trichromacy



Original Color

165.7890, 20.3080, 17.4280

Protanomaly

164.1780, 2.7950, 9.9230

Deuteranomaly

165.0110, 10.6350, 11.0110

Tritanomaly

165.2790, 21.6840, 14.5160

Monochromacy



Original Color

165.7890, 20.3080, 17.4280

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.1090, 7.2430, 6.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.7890, 20.3080, 17.4280 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(196, 149, 173)` looks like.

```
.text, #text, p{  
    color:rgb(196, 149, 173)  
}
```

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(196, 149, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 149, 173) }
```

Border

The CSS property to change the border of an element to YIQ 165.7890, 20.3080, 17.4280 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(196, 149, 173) }
```


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

```
.border{ border-color:rgb(196, 149, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 149, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 149, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 149, 173);  
box-shadow:4px 4px 4px 4px rgb(196, 149,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 165.7890, 20.3080, 17.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 149, 173) }
```

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

```
.background{ background-color: rgb(196,  
149, 173) }
```

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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