

Converting Colors

YIQ(165.6760, 28.0560, 20.1840)

Have a look what the booklet for
YIQ(165.6760, 28.0560, 20.1840)
contains.

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Color

**YIQ(165.6760, 28.0560,
20.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	CD91A9
RGB	205, 145, 169
RGB Percent	80%, 57%, 66%
CMY	0.1959, 0.4315, 0.3372
CMYK	0.00, 0.29, 0.18, 0.20
HSL	336°, 38%, 69%
HSV	336°, 29%, 80%
XYZ	42.4731, 36.0934, 42.2759
YIQ	165.6760, 28.0560, 20.1840

Conversions

Conversions Part 2

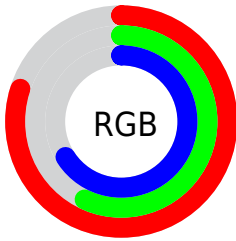
Format	Color
R_{YB}	205, 145, 169
Decimal	13472169
CIE _{Lab}	66.59, 26.27, -3.51
CIE _{LCh}	67, 26.499, 352.393
Yxy	36.0934, 0.3515, 0.2987
Android (android.graphics.Color)	4291662249 (0xFFCD91A9)
YUV	165.6760, 1.6387, 34.4871
Hunter-Lab	60.0778, 21.0578, 0.3329

Details

The YIQ color **165.6760, 28.0560, 20.1840** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **184.3240, -28.0560, -20.1840**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5940, 25.3510, 19.6470**, and **113.3660, 25.9930, 19.0250** is the 20% darker color. If you saturate the color by 10%, you get **151.9810, 37.6830, 27.4350**, and if you desaturate by 10%, it is **178.7840, 18.7040, 13.4560**.

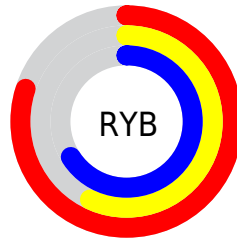
Distribution



Red (80%)

Green (57%)

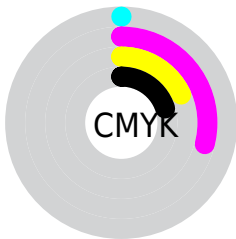
Blue (66%)



Red (80%)

Yellow (57%)

Blue (66%)

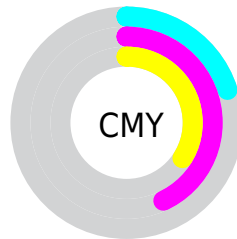


Cyan (0%)

Magenta (29%)

Yellow (18%)

Black (20%)



Cyan (20%)


Magenta (43%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.6760, 28.0560, 20.1840 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 165.6760, 28.0560, 20.1840 by changing the saturation by 10% instead.


 165.6760, 28.0560,
20.1840

 165.6760, 28.0560,
20.1840


255.0000, -0.0000,
-0.0000


 139.0780, 26.8640,
19.7600


 218.5940, 25.3510,
19.6470


 113.3660, 25.9930,
19.0250

 238.9230, 8.0670,
13.4990

 87.7680, 24.8010,
18.6010

 63.8710, 23.0130,
17.9650

 40.3870, 21.5000,
17.8520

 18.2020, 20.5830,
17.9510

 7.2900, 13.9830,

5.3990

■ 0.0000, 0.0000,
0.0000

■ 165.6760, 28.0560,
20.1840

■ 165.6760, 28.0560,
20.1840

■ 151.9810, 37.6830,
27.4350

■ 178.7840, 18.7040,
13.4560

■ 138.7590, 47.3560,
33.8520

■ 192.5930, 8.7560,
6.5160

■ 125.0640, 56.9830,
41.1030

■ 205.7010, -0.5960,
-0.2120

■ 111.9560, 66.3350,
47.8310

■ 219.3960,
-10.2230, -7.4630

■ 98.2610, 75.9620,
55.0820

■ 233.2050,
-20.1710, -14.4030

■ 85.0390, 85.6350,
61.4990

■ 238.6820,
-25.9480, -14.3320

■ 71.3440, 95.2620,
68.7500

■ 240.0500,
-29.8000, -10.6000

■ 70.6430, 95.8580,
68.9620

Harmonies

Analogous

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



165.7370, 8.8910, 20.5950



165.6760, 28.0560, 20.1840



164.4350, 38.7400, 13.7800

Triad

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



165.6760, 28.0560, 20.1840



158.7340, 11.8320, -16.2000



152.3540, -53.9630, -7.7150

Complementary

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



165.6760, 28.0560, 20.1840



184.3240, -28.0560, -20.1840

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.



150.0410, -51.9440, -16.7760



165.6760, 28.0560, 20.1840



155.7790, -10.4040, -20.7080

Square

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



165.6760, 28.0560, 20.1840



161.1710, 29.8950, -7.6490



152.3880, -34.1080, -20.6360



158.0450, -39.4310, 4.2570

Rectangle

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



165.6760, 28.0560, 20.1840



163.4040, 40.0250, 7.0090



152.3880, -34.1080, -20.6360



150.7620, -55.2920, -11.1640

Sweetspot

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



165.6760, 28.0560, 20.1840



239.9030, 10.8190, 7.6750



162.3050, 1.6000, 26.0800



118.1690, 7.0140, 5.0460



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.



165.6760, 28.0560, 20.1840



196.6010, 41.8090, 29.7530



165.8750, 34.3850, 10.1050



95.4460, 4.6760, 3.3640



57.1580, 77.7500, 55.7180



13.0720, 17.8330, 12.7210

Inverse Universe

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



165.6760, 28.0560, 20.1840



196.6010, 41.8090, 29.7530



184.1250, -34.3850, -10.1050



95.4460, 4.6760, 3.3640



57.1580, 77.7500, 55.7180



13.0720, 17.8330, 12.7210

Previews

White Background



This preview shows how the YIQ color 165.6760, 28.0560, 20.1840 looks on a white background.

Color Contrast Check

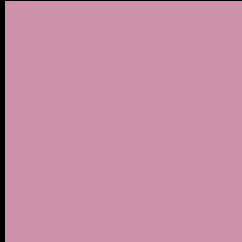
Large Text (above 18pt) WCAG AA × Fail

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 165.6760, 28.0560, 20.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

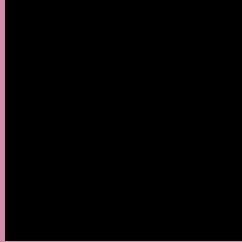
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.6760, 28.0560, 20.1840

Background



This preview shows how black text looks on a background with the YIQ color 165.6760, 28.0560, 20.1840.



This preview shows how white text looks on a background with the YIQ color 165.6760, 28.0560,

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

165.6760, 28.0560, 20.1840

Protanopia

162.7530, -6.3740, 5.3860

Deuteranopia

163.8210, 8.1140, 7.1380



Tritanopia

165.2970, 30.4410, 15.5050

Trichromacy



Original Color

165.6760, 28.0560, 20.1840

Protanomaly

163.5590, 6.0960, 10.6720

Deuteranomaly

164.8760, 15.4490, 11.8730

Tritanomaly

165.1660, 29.4320, 17.2720

Monochromacy



Original Color

165.6760, 28.0560, 20.1840

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.6040, 10.2230, 7.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.6760, 28.0560, 20.1840 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(205, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(205, 145, 169)  
}
```

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(205, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 145, 169) }
```

Border

The CSS property to change the border of an element to YIQ 165.6760, 28.0560, 20.1840 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(205, 145, 169) }
```


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

```
.border{ border-color:rgb(205, 145, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 145, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 145, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 145, 169);  
box-shadow:4px 4px 4px 4px rgb(205, 145,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 165.6760, 28.0560, 20.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 145, 169) }
```

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

```
.background{ background-color: rgb(205,  
145, 169) }
```

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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