

Converting Colors

YIQ(166.2030, 28.0100, 21.0180)

Have a look what the booklet for
YIQ(166.2030, 28.0100, 21.0180)
contains.

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Color

**YIQ(166.2030, 28.0100,
21.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	CE91AB
RGB	206, 145, 171
RGB Percent	81%, 57%, 67%
CMY	0.1920, 0.4315, 0.3293
CMYK	0.00, 0.30, 0.17, 0.19
HSL	334°, 38%, 69%
HSV	334°, 30%, 81%
XYZ	42.9394, 36.3118, 43.2854
YIQ	166.2030, 28.0100, 21.0180

Conversions

Conversions Part 2

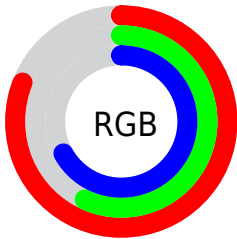
Format	Color
R _Y B	206, 145, 171
Decimal	13537707
CIE Lab	66.76, 26.94, -4.37
CIE LCh	67, 27.296, 350.780
Yxy	36.3118, 0.3504, 0.2963
Android (android.graphics.Color)	4291727787 (0xFFCE91AB)
YUV	166.2030, 2.3649, 34.9020
Hunter-Lab	60.2593, 21.7413, -0.4076

Details

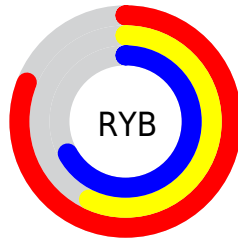
The YIQ color **166.2030, 28.0100, 21.0180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **184.7970, -28.0100, -21.0180**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8220, 24.7090, 20.2690**, and **113.8930, 25.9470, 19.8590** is the 20% darker color. If you saturate the color by 10%, you get **152.5080, 37.6370, 28.2690**, and if you desaturate by 10%, it is **179.8980, 18.3830, 13.7670**.

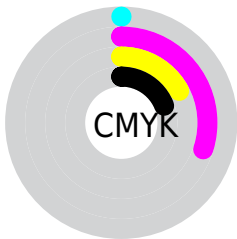
Distribution



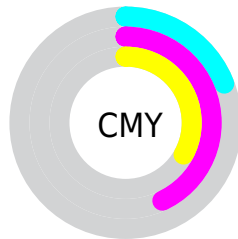
- Red (81%)
- Green (57%)
- Blue (67%)



- Red (81%)
- Yellow (57%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (17%)
- Black (19%)



- Cyan (19%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.2030, 28.0100, 21.0180 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 166.2030, 28.0100, 21.0180 by changing the saturation by 10% instead.

■ 166.2030, 28.0100,
21.0180

■ 166.2030, 28.0100,
21.0180

255.0000, -0.0000,
-0.0000

■ 139.6050, 26.8180,
20.5940

■ 218.8220, 24.7090,
20.2690

■ 113.8930, 25.9470,
19.8590

■ 239.1510, 7.4250,
14.1210

■ 88.2950, 24.7550,
19.4350

■ 64.3980, 22.9670,
18.7990

■ 40.8000, 21.7750,
18.3750

■ 17.7290, 20.5370,
18.7850

■ 7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,
0.0000

■ 166.2030, 28.0100,
21.0180

■ 166.2030, 28.0100,
21.0180

■ 152.5080, 37.6370,
28.2690

■ 179.8980, 18.3830,
13.7670

■ 139.4000, 46.9890,
34.9970

■ 193.0060, 9.0310,
7.0390

■ 125.8190, 56.2950,
42.5590

■ 206.5870, -0.2750,
-0.5230

■ 112.7110, 65.6470,
49.2870

■ 219.6950, -9.6270,
-7.2510

■ 99.0160, 75.2740,
56.5380

■ 233.3900,
-19.2540, -14.5020

■ 85.3210, 84.9010,
63.7890

■ 238.8670,
-25.0310, -14.4310

■ 72.2130, 94.2530,
70.5170

■ 240.2350,
-28.8830, -10.6990

■ 71.6260, 94.5280,
71.0400

■ 240.3490,
-29.2040, -10.3880

Harmonies

Analogous

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



165.7800, 7.3320, 21.3160



166.2030, 28.0100, 21.0180



165.1470, 39.6110, 14.5150

Triad

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



166.2030, 28.0100, 21.0180



159.1040, 13.6660, -16.3980



151.8590, -56.9430, -8.7750

Complementary

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



166.2030, 28.0100, 21.0180



184.7970, -28.0100, -21.0180

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.



150.0300, -53.4110, -17.7230



166.2030, 28.0100, 21.0180



155.9640, -9.4870, -20.8070

Square

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



166.2030, 28.0100, 21.0180



161.6550, 31.4080, -7.5360



152.8610, -34.0620, -21.4700



157.8490, -41.8150, 3.4090

Rectangle

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



166.2030, 28.0100, 21.0180



164.0020, 41.2170, 7.4330



152.8610, -34.0620, -21.4700



150.2670, -58.2720, -12.2240

Sweetspot

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



166.2030, 28.0100, 21.0180



240.0170, 10.4980, 7.9860



162.4190, 1.2790, 26.3910



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.



166.2030, 28.0100, 21.0180



194.9540, 42.3130, 31.6330



165.5870, 35.2560, 10.8400



95.4460, 4.6760, 3.3640



57.7280, 76.1450, 57.2730



13.1860, 17.5120, 13.0320

Inverse Universe

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



166.2030, 28.0100, 21.0180



194.9540, 42.3130, 31.6330



185.4130, -35.2560, -10.8400



95.4460, 4.6760, 3.3640



57.7280, 76.1450, 57.2730



13.1860, 17.5120, 13.0320

Previews

White Background



This preview shows how the YIQ color 166.2030, 28.0100, 21.0180 looks on a white background.

Color Contrast Check

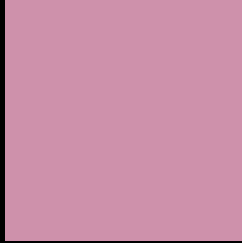
Large Text (above 18pt) WCAG AA × Fail

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 166.2030, 28.0100, 21.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

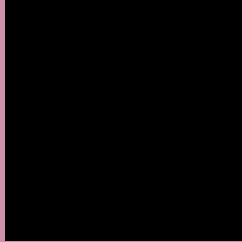
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.2030, 28.0100, 21.0180

Background



This preview shows how black text looks on a background with the YIQ color 166.2030, 28.0100, 21.0180.



This preview shows how white text looks on a background with the YIQ color 166.2030, 28.0100,

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

166.2030, 28.0100, 21.0180

Protanopia

163.5680, -7.2910, 5.4850

Deuteranopia

164.6360, 7.1970, 7.2370



Tritanopia

165.5960, 31.0370, 15.7170

Trichromacy



Original Color

166.2030, 28.0100, 21.0180

Protanomaly

164.6730, 5.7750, 10.9830

Deuteranomaly

165.1040, 14.8070, 12.4950

Tritanomaly

165.5790, 29.7070, 17.7950

Monochromacy



Original Color

166.2030, 28.0100, 21.0180

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.0170, 10.4980, 7.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.2030, 28.0100, 21.0180 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(206, 145, 171)` looks like.

```
.text, #text, p{  
    color:rgb(206, 145, 171)  
}
```

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(206, 145, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 145, 171) }
```

Border

The CSS property to change the border of an element to YIQ 166.2030, 28.0100, 21.0180 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(206, 145, 171) }
```


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

```
.border{ border-color:rgb(206, 145, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 145, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 145, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 145, 171); box-shadow:4px 4px 4px 4px rgb(206, 145, 171) }
```

Background

The CSS property to change the background color of an element to YIQ 166.2030, 28.0100, 21.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 145, 171) }
```

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

```
.background{ background-color: rgb(206,  
145, 171) }
```

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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