

Converting Colors

YIQ(166.4170, 21.9560, 31.6200)

Have a look what the booklet for
YIQ(166.4170, 21.9560, 31.6200)
contains.

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Color

**YIQ(166.4170, 21.9560,
31.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8CC4
RGB	207, 140, 196
RGB Percent	81%, 55%, 77%
CMY	0.1880, 0.4511, 0.2313
CMYK	0.00, 0.32, 0.05, 0.19
HSL	310°, 41%, 68%
HSV	310°, 32%, 81%
XYZ	45.0850, 36.0065, 56.8049
YIQ	166.4170, 21.9560, 31.6200

Conversions

Conversions Part 2

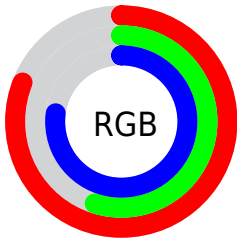
Format	Color
R _Y B	207, 140, 196
Decimal	13601988
CIE Lab	66.52, 34.23, -18.72
CIE LCh	67, 39.017, 331.327
Yxy	36.0065, 0.3269, 0.2611
Android (android.graphics.Color)	4291792068 (0xFFCF8CC4)
YUV	166.4170, 14.5844, 35.5913
Hunter-Lab	60.0055, 29.1062, -14.1238

Details

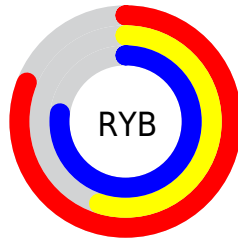
The YIQ color **166.4170, 21.9560, 31.6200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **180.5830, -21.9560, -31.6200**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9650, 17.4170, 31.2810**, and **113.8790, 20.5350, 29.8390** is the 20% darker color. If you saturate the color by 10%, you get **153.7480, 28.6940, 41.6700**, and if you desaturate by 10%, it is **179.0860, 15.2180, 21.5700**.

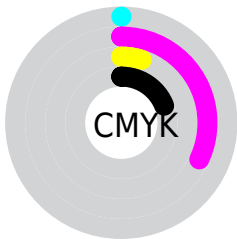
Distribution



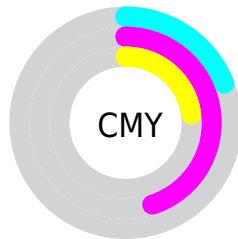
- Red (81%)
- Green (55%)
- Blue (77%)



- Red (81%)
- Yellow (55%)
- Blue (77%)



- Cyan (0%)
- Magenta (32%)
- Yellow (5%)
- Black (19%)



- Cyan (19%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.4170, 21.9560, 31.6200 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 166.4170, 21.9560, 31.6200 by changing the saturation by 10% instead.

166.4170, 21.9560,
31.6200

166.4170, 21.9560,
31.6200

255.0000, -0.0000,
-0.0000

139.7050, 21.0850,
30.8850

218.9650, 17.4170,
31.2810

113.8790, 20.5350,
29.8390

236.2160, 8.8000,
16.7360

88.2810, 19.3430,
29.4150

252.6520, 1.1000,
2.0920

63.5690, 18.4720,
28.6800

38.6830, 18.1510,
28.9910

20.1940, 15.0340,
24.9060

10.9230, 8.0670,

13.4990

0.0000, 0.0000,
0.0000

166.4170, 21.9560,
31.6200

166.4170, 21.9560,
31.6200

153.7480, 28.6940,
41.6700

179.0860, 15.2180,
21.5700

141.5520, 35.4780,
50.8860

191.2820, 8.4340,
12.3540

128.8830, 42.2160,
60.9360

203.9510, 1.6960,
2.3040

116.1000, 49.2750,
70.6750

216.7340, -5.3630,
-7.4350

103.4310, 56.0130,
80.7250

229.4030,
-12.1010, -17.4850

91.3490, 62.4760,
90.2520

236.2020,
-16.0890, -22.3050

81.6150, 67.8390,
97.6870

236.6580,
-17.3730, -21.0610

237.0000,
-18.3360, -20.1280

237.4560,
-19.6200, -18.8840

Harmonies

Analogous

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



164.4650, -13.5300, 24.9500



166.4170, 21.9560, 31.6200



164.9990, 46.4400, 28.4240

Triad

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



166.4170, 21.9560, 31.6200



159.0110, 35.8570, -16.5830



127.5310, -112.4620, -32.3500

Complementary

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



166.4170, 21.9560, 31.6200



180.5830, -21.9560, -31.6200

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.



138.4800, -72.8940, -33.5820



166.4170, 21.9560, 31.6200



155.4310, 7.8910, -27.3810

Square

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



166.4170, 21.9560, 31.6200



161.4790, 52.6350, -1.2610



149.4730, -27.4580, -31.0260



137.6120, -98.8480, -14.7520

Rectangle

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



166.4170, 21.9560, 31.6200



163.7470, 55.6570, 21.0730



149.4730, -27.4580, -31.0260



126.8640, -109.2060, -36.2940

Sweetspot

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



166.4170, 21.9560, 31.6200



239.8690, 8.1590, 11.8310



150.6280, -15.5470, 22.9570



118.2660, 5.3630, 7.4350



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.



166.4170, 21.9560, 31.6200



195.0630, 32.3610, 46.8010



162.6550, 32.5490, 21.3570



98.3150, 3.6670, 5.1310



66.3060, 54.8670, 79.4670



16.1350, 13.5220, 19.2660

Inverse Universe

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



166.4170, 21.9560, 31.6200



195.0630, 32.3610, 46.8010



184.3450, -32.5490, -21.3570



98.3150, 3.6670, 5.1310



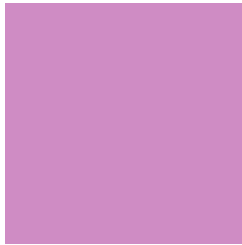
66.3060, 54.8670, 79.4670



16.1350, 13.5220, 19.2660

Previews

White Background



This preview shows how the YIQ color 166.4170, 21.9560, 31.6200 looks on a white background.

Color Contrast Check

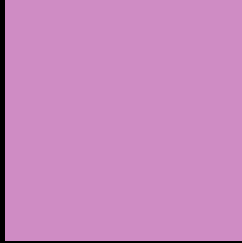
Large Text (above 18pt) WCAG AA × Fail

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 166.4170, 21.9560, 31.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

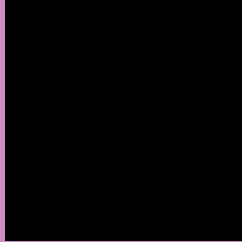
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.4170, 21.9560, 31.6200

Background



This preview shows how black text looks on a background with the YIQ color 166.4170, 21.9560, 31.6200.



This preview shows how white text looks on a background with the YIQ color 166.4170, 21.9560,

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

166.4170, 21.9560, 31.6200

Protanopia

162.4110, -22.6060, 13.2180

Deuteranopia

163.4850, -8.2550, 11.9450



Tritanopia

164.6990, 29.2490, 15.0810

Trichromacy



Original Color

166.4170, 21.9560, 31.6200



Protanomaly

164.0110, -6.5600, 19.7760



Deuteranomaly

164.2740, 2.8850, 19.3090



Tritanomaly

165.1320, 26.7720, 21.4280

Monochromacy



Original Color

166.4170, 21.9560, 31.6200



Achromatopsia

166.0000, -0.0000, 0.0000



Achromatomaly

166.4560, 7.8840, 11.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.4170, 21.9560, 31.6200 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(207, 140, 196)` looks like.

```
.text, #text, p{  
    color:rgb(207, 140, 196)  
}
```

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(207, 140, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 140, 196) }
```

Border

The CSS property to change the border of an element to YIQ 166.4170, 21.9560, 31.6200 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(207, 140, 196) }
```


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

```
.border{ border-color:rgb(207, 140, 196) }
```

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

Here you see how a box with a 4 pixel rgb(207, 140, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 140, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 140, 196);  
box-shadow:4px 4px 4px 4px rgb(207, 140,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 166.4170, 21.9560, 31.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 140, 196) }
```

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

```
.background{ background-color: rgb(207,  
140, 196) }
```

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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