

Converting Colors

YIQ(182.8510, 8.5700, 20.9060)

Have a look what the booklet for
YIQ(182.8510, 8.5700, 20.9060)
contains.

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Color

**YIQ(182.8510, 8.5700,
20.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA7D1
RGB	204, 167, 209
RGB Percent	80%, 65%, 82%
CMY	0.1999, 0.3451, 0.1804
CMYK	0.02, 0.20, 0.00, 0.18
HSL	293°, 31%, 74%
HSV	293°, 20%, 82%
XYZ	50.2344, 45.0767, 66.3749
YIQ	182.8510, 8.5700, 20.9060

Conversions

Conversions Part 2

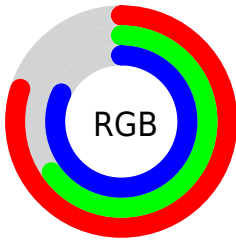
Format	Color
RYB	204, 167, 209
Decimal	13412305
CIELab	72.94, 20.88, -16.23
CIELCh	73, 26.451, 322.144
Yxy	45.0767, 0.3107, 0.2788
Android (android.graphics.Color)	4291602385 (0xFFCCA7D1)
YUV	182.8510, 12.8915, 18.5477
Hunter-Lab	67.1392, 16.0623, -11.6176

Details

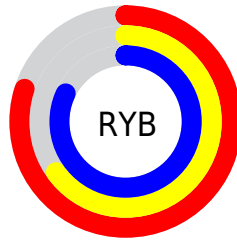
The YIQ color $182.8510, 8.5700, 20.9060$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $193.1490, -8.5700, -20.9060$, and the grayscale version is $183.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.6290, 9.0750, 17.2590$, and $129.7260, 7.4240, 19.6480$ is the 20% darker color. If you saturate the color by 10%, you get $169.9260, 13.1530, 31.4650$, and if you desaturate by 10%, it is $196.0750, 4.5830, 10.5590$.

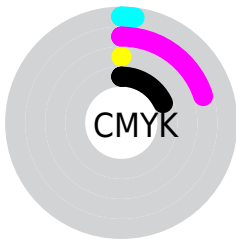
Distribution



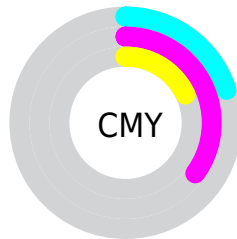
- Red (80%)
- Green (65%)
- Blue (82%)



- Red (80%)
- Yellow (65%)
- Blue (82%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.8510, 8.5700, 20.9060 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 182.8510, 8.5700, 20.9060 by changing the saturation by 10% instead.

■ 182.8510, 8.5700,
20.9060

■ 182.8510, 8.5700,
20.9060

255.0000, -0.0000,
-0.0000

■ 155.4380, 8.2950,
20.3830

■ 235.6290, 9.0750,
17.2590

■ 129.7260, 7.4240,
19.6480

■ 252.6520, 1.1000,
2.0920

■ 104.1990, 7.4700,
18.8140

■ 79.7860, 7.1950,
18.2910

■ 56.9600, 6.6450,
17.2450

■ 34.5470, 6.3700,
16.7220

■ 13.2590, 7.2410,

17.4570

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 182.8510, 8.5700,
20.9060

■ 182.8510, 8.5700,
20.9060

■ 169.9260, 13.1530,
31.4650

■ 196.0750, 4.5830,
10.5590

■ 156.7020, 17.1400,
41.8120

■ 209.0000, 0.0000,
0.0000

■ 143.7770, 21.7230,
52.3710

■ 221.9250, -4.5830,
-10.5590

■ 130.5530, 25.7100,
62.7180

■ 235.1490, -8.5700,
-20.9060

■ 117.6280, 30.2930,
73.2770

■ 238.0950, -8.4780,
-22.5740

■ 104.9910, 34.0050,
83.1010

■ 238.9920, -6.6900,
-21.9380

■ 92.0660, 38.5880,
93.6600

■ 239.5900, -5.4980,
-21.5140

■ 78.8420, 42.5750,
104.0070

■ 240.4870, -3.7100,
-20.8780

■ 241.0850, -2.5180,
-20.4540

Harmonies

Analogous

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



180.2870, -16.3250, 15.0270



182.8510, 8.5700, 20.9060



182.9750, 28.6520, 20.3960

Triad

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



182.8510, 8.5700, 20.9060



178.3560, 30.8120, -7.7480



167.3400, -51.3480, -16.5640

Complementary

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



182.8510, 8.5700, 20.9060



193.1490, -8.5700, -20.9060

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.



169.3880, -34.1080, -20.6360



182.8510, 8.5700, 20.9060



175.9190, 12.7490, -16.2990

Square

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



182.8510, 8.5700, 20.9060



180.2960, 40.2090, 3.6730



172.7790, -10.4040, -20.7080



169.6530, -53.3670, -7.5030

Rectangle

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



182.8510, 8.5700, 20.9060



182.6460, 36.7680, 16.4800



172.7790, -10.4040, -20.7080



168.2110, -46.6710, -18.7270

Sweetspot

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



182.8510, 8.5700, 20.9060



245.5970, 2.9330, 7.4210



175.3100, -15.1320, 9.9240



122.1190, 1.2830, 4.2830



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.



182.8510, 8.5700, 20.9060



217.1000, 12.6030, 30.4190



182.6360, 16.3650, 17.3010



97.9450, 1.8330, 5.3290



63.4040, 34.2800, 83.6240



15.4380, 8.2950, 20.3830

Inverse Universe

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



180.1280, 23.4270, 10.4590



213.0370, 34.1090, 15.1090



193.3640, -16.3650, -17.3010



97.4030, 6.2350, 2.6430



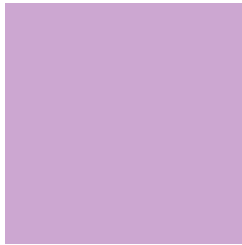
52.5120, 93.7080, 41.8360



12.8290, 22.8310, 10.2470

Previews

White Background



This preview shows how the YIQ color 182.8510, 8.5700, 20.9060 looks on a white background.

Color Contrast Check

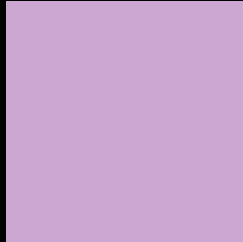
Large Text (above 18pt) WCAG AA × Fail

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 182.8510, 8.5700, 20.9060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

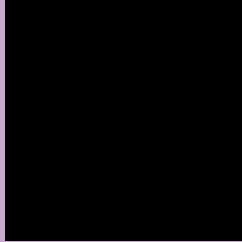
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.8510, 8.5700, 20.9060

Background



This preview shows how black text looks on a background with the YIQ color 182.8510, 8.5700, 20.9060.



This preview shows how white text looks on a background with the YIQ color 182.8510, 8.5700,

20.9060.

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

182.8510, 8.5700, 20.9060

Protanopia

180.2390, -16.3700, 10.3340

Deuteranopia

181.0400, -5.5040, 11.6480



Tritanopia

181.2670, 12.7900, 10.5020

Trichromacy



Original Color

182.8510, 8.5700, 20.9060

Protanomaly

181.1370, -7.1550, 14.0370

Deuteranomaly

181.7850, -0.2320, 15.2240

Tritanomaly

182.0050, 10.7720, 14.0360

Monochromacy



Original Color

182.8510, 8.5700, 20.9060

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.8960, 3.5290, 7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.8510, 8.5700, 20.9060 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(204, 167, 209)` looks like.

```
.text, #text, p{  
    color:rgb(204, 167, 209)  
}
```

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(204, 167, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 167, 209) }
```

Border

The CSS property to change the border of an element to YIQ 182.8510, 8.5700, 20.9060 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(204, 167, 209) }
```


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

```
.border{ border-color:rgb(204, 167, 209) }
```

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

Here you see how a box with a 4 pixel rgb(204, 167, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 167, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 167, 209);  
box-shadow:4px 4px 4px 4px rgb(204, 167,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 182.8510, 8.5700, 20.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 167, 209) }
```

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

```
.background{ background-color: rgb(204,  
167, 209) }
```

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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