

Converting Colors

YIQ(181.5890, 6.5520, 24.4400)

Have a look what the booklet for
YIQ(181.5890, 6.5520, 24.4400)
contains.

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Color

**YIQ(181.5890, 6.5520,
24.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA4D8
RGB	203, 164, 216
RGB Percent	80%, 64%, 85%
CMY	0.2038, 0.3569, 0.1530
CMYK	0.06, 0.24, 0.00, 0.15
HSL	285°, 40%, 75%
HSV	285°, 24%, 85%
XYZ	50.3040, 44.2038, 70.8441
YIQ	181.5890, 6.5520, 24.4400

Conversions

Conversions Part 2

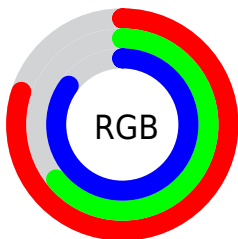
Format	Color
R _Y B	203, 164, 216
Decimal	13346008
CIE Lab	72.36, 23.56, -20.95
CIE LCh	72, 31.531, 318.355
Yxy	44.2038, 0.3042, 0.2673
Android (android.graphics.Color)	4291536088 (0xFFCBA4D8)
YUV	181.5890, 16.9646, 18.7774
Hunter-Lab	66.4859, 18.7049, -16.6364

Details

The YIQ color $181.5890, 6.5520, 24.4400$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $198.4110, -6.5520, -24.4400$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $233.8680, 9.9000, 18.8280$, and $128.3500, 5.7270, 22.8710$ is the 20% darker color. If you saturate the color by 10%, you get $167.1800, 9.6220, 34.8860$, and if you desaturate by 10%, it is $195.9980, 3.4820, 13.9940$.

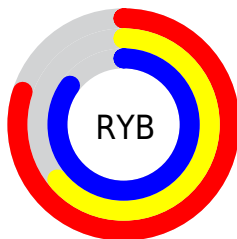
Distribution



Red (80%)

Green (64%)

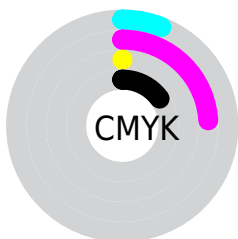
Blue (85%)



Red (80%)

Yellow (64%)

Blue (85%)

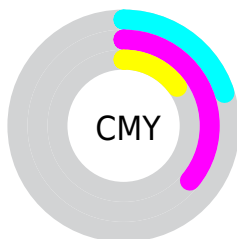


Cyan (6%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (20%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.5890, 6.5520, 24.4400 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 181.5890, 6.5520, 24.4400 by changing the saturation by 10% instead.

181.5890, 6.5520,
24.4400

181.5890, 6.5520,
24.4400

255.0000, -0.0000,
-0.0000

154.7630, 6.0020,
23.3940

233.8680, 9.9000,
18.8280

128.3500, 5.7270,
22.8710

250.8910, 1.9250,
3.6610

102.9370, 5.4520,
22.3480

78.4100, 5.4980,
21.5140

55.5840, 4.9480,
20.4680

32.7580, 4.3980,
19.4220

13.5300, 5.0400,

18.8000

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 181.5890, 6.5520,
24.4400

■ 181.5890, 6.5520,
24.4400

■ 167.1800, 9.6220,
34.8860

■ 195.9980, 3.4820,
13.9940

■ 153.0590, 11.8210,
44.5970

■ 210.1190, 1.2830,
4.2830

■ 138.6500, 14.8910,
55.0430

■ 224.5280, -1.7870,
-6.1630

■ 124.5290, 17.0900,
64.7540

■ 238.6490, -3.9860,
-15.8740

■ 110.1200, 20.1600,
75.2000

■ 243.0790, -2.3810,
-17.4290

■ 95.7110, 23.2300,
85.6460

■ 244.5740, 0.5990,
-16.3690

■ 81.5900, 25.4290,
95.3570

■ 246.3680, 4.1750,
-15.0970

■ 73.0620, 27.2160,
101.5200

■ 247.8630, 7.1550,
-14.0370

■ 249.3580, 10.1350,
-12.9770

Harmonies

Analogous

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



178.2200, -23.3860, 16.3420



181.5890, 6.5520, 24.4400



181.6920, 31.1270, 25.1030

Triad

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



181.5890, 6.5520, 24.4400



176.9500, 37.8270, -8.2290



161.5340, -63.8180, -21.8500

Complementary

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



181.5890, 6.5520, 24.4400



198.4110, -6.5520, -24.4400

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.



165.8880, -38.6920, -25.6680



181.5890, 6.5520, 24.4400



173.9750, 18.3430, -18.5610

Square

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



181.5890, 6.5520, 24.4400



178.7700, 47.6820, 5.9060



170.6280, -8.6610, -24.7650



163.2210, -69.8260, -12.0820

Rectangle

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



181.5890, 6.5520, 24.4400



180.9180, 41.9940, 20.8900



170.6280, -8.6610, -24.7650



162.4870, -56.4360, -23.4760

Sweetspot

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



181.5890, 6.5520, 24.4400



243.2380, 2.5660, 8.5660



177.5590, -20.2670, 9.3730



120.6460, 1.2370, 5.1170



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.



181.5890, 6.5520, 24.4400



206.1800, 9.6220, 34.8860



183.9940, 18.4730, 23.1530



99.6460, 1.2370, 5.1170



57.7660, 21.3970, 80.3170



14.7690, 5.8650, 20.3690

Inverse Universe

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



181.0300, 26.8190, 15.0670



205.1780, 38.3260, 21.2860



196.0060, -18.4730, -23.1530



99.6310, 5.5930, 3.2650



56.0310, 88.1130, 49.6250



14.1110, 22.0970, 12.5370

Previews

White Background



This preview shows how the YIQ color 181.5890, 6.5520, 24.4400 looks on a white background.

Color Contrast Check

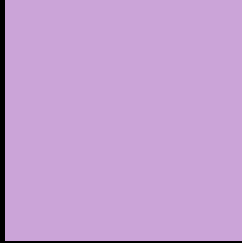
Large Text (above 18pt) WCAG AA × Fail

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 181.5890, 6.5520, 24.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

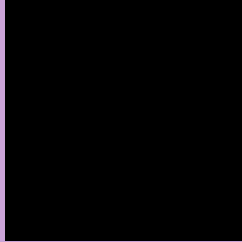
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.5890, 6.5520, 24.4400

Background



This preview shows how black text looks on a background with the YIQ color 181.5890, 6.5520, 24.4400.



This preview shows how white text looks on a background with the YIQ color 181.5890, 6.5520,

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

181.5890, 6.5520, 24.4400

Protanopia

178.4820, -21.3680, 12.8080

Deuteranopia

179.4570, -11.0520, 13.0760



Tritanopia

179.8540, 12.5150, 9.9790

Trichromacy



Original Color

181.5890, 6.5520, 24.4400

Protanomaly

179.6790, -11.5570, 16.7230

Deuteranomaly

179.9140, -4.9090, 17.3870

Tritanomaly

180.6460, 10.4050, 15.1810

Monochromacy



Original Color

181.5890, 6.5520, 24.4400

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.6510, 2.8410, 9.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.5890, 6.5520, 24.4400 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(203, 164, 216)` looks like.

```
.text, #text, p{  
    color:rgb(203, 164, 216)  
}
```

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(203, 164, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 164, 216) }
```

Border

The CSS property to change the border of an element to YIQ 181.5890, 6.5520, 24.4400 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(203, 164, 216) }
```


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

```
.border{ border-color:rgb(203, 164, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 164, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 164, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 164, 216);  
box-shadow:4px 4px 4px 4px rgb(203, 164,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 181.5890, 6.5520, 24.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 164, 216) }
```

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

```
.background{ background-color: rgb(203,  
164, 216) }
```

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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