

Converting Colors

YIQ(179.3720, 8.6610, 24.7650)

Have a look what the booklet for
YIQ(179.3720, 8.6610, 24.7650)
contains.

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Color

**YIQ(179.3720, 8.6610,
24.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA1D4
RGB	203, 161, 212
RGB Percent	80%, 63%, 83%
CMY	0.2038, 0.3687, 0.1686
CMYK	0.04, 0.24, 0.00, 0.17
HSL	289°, 37%, 73%
HSV	289°, 24%, 83%
XYZ	49.2631, 42.9382, 67.9780
YIQ	179.3720, 8.6610, 24.7650

Conversions

Conversions Part 2

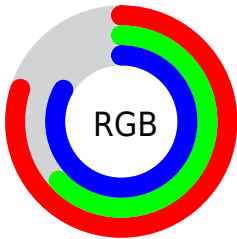
Format	Color
R _{YB}	203, 161, 212
Decimal	13345236
CIE Lab	71.51, 24.42, -20.05
CIE LCh	72, 31.600, 320.614
Yxy	42.9382, 0.3075, 0.2681
Android (android.graphics.Color)	4291535316 (0xFFCBA1D4)
YUV	179.3720, 16.0856, 20.7218
Hunter-Lab	65.5273, 19.5226, -15.6383

Details

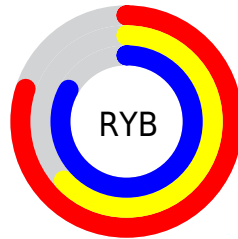
The YIQ color **179.3720, 8.6610, 24.7650** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **193.6280, -8.6610, -24.7650**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.1070, 10.7250, 20.3970**, and **126.1330, 7.8360, 23.1960** is the 20% darker color. If you saturate the color by 10%, you get **165.8490, 12.0520, 34.9000**, and if you desaturate by 10%, it is **192.8950, 5.2700, 14.6300**.

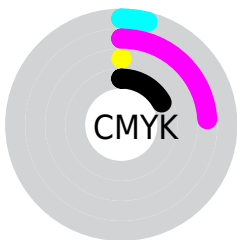
Distribution



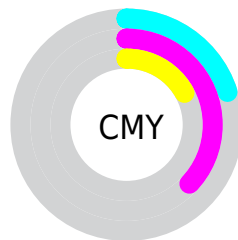
- Red (80%)
- Green (63%)
- Blue (83%)



- Red (80%)
- Yellow (63%)
- Blue (83%)



- Cyan (4%)
- Magenta (24%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (37%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.3720, 8.6610, 24.7650 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 179.3720, 8.6610, 24.7650 by changing the saturation by 10% instead.


 179.3720, 8.6610,
24.7650


 179.3720, 8.6610,
24.7650

255.0000, -0.0000,
-0.0000

 152.5460, 8.1110,
23.7190


 232.1070, 10.7250,
20.3970

 126.1330, 7.8360,
23.1960

 249.1300, 2.7500,
5.2300

 100.7200, 7.5610,
22.6730

 76.8940, 7.0110,
21.6270

 53.1820, 6.1400,
20.8920

 30.6550, 6.1860,
20.0580

 13.1880, 6.0030,

17.8670

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 179.3720, 8.6610,
24.7650

■ 179.3720, 8.6610,
24.7650

■ 165.8490, 12.0520,
34.9000

■ 192.8950, 5.2700,
14.6300

■ 152.6250, 16.0390,
45.2470

■ 206.1190, 1.2830,
4.2830

■ 138.5150, 19.7050,
55.9050

■ 220.2290, -2.3830,
-6.3750

■ 124.9920, 23.0960,
66.0400

■ 233.7520, -5.7740,
-16.5100

■ 111.4690, 26.4870,
76.1750

■ 240.2310, -5.8650,
-20.3690

■ 98.2450, 30.4740,
86.5220

■ 241.1280, -4.0770,
-19.7330

■ 84.7220, 33.8650,
96.6570

■ 242.3240, -1.6930,
-18.8850

■ 76.4930, 36.2480,
103.0320

■ 243.5200, 0.6910,
-18.0370

■ 244.7160, 3.0750,
-17.1890

Harmonies

Analogous

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



176.4160, -21.0020, 17.1900



179.3720, 8.6610, 24.7650



179.0620, 32.9610, 24.9050

Triad

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



179.3720, 8.6610, 24.7650



174.3520, 36.6350, -8.6530



159.0500, -65.3310, -21.9630

Complementary

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



179.3720, 8.6610, 24.7650



193.6280, -8.6610, -24.7650

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.



162.6320, -40.8470, -25.1590



179.3720, 8.6610, 24.7650



171.7790, 15.9590, -19.4090

Square

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



179.3720, 8.6610, 24.7650



176.5310, 46.8570, 4.3370



167.9590, -11.0910, -24.7790



161.6340, -69.5510, -11.5590

Rectangle

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



179.3720, 8.6610, 24.7650



178.6900, 42.6360, 20.2680



167.9590, -11.0910, -24.7790



159.8180, -58.8660, -23.4900

Sweetspot

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



179.3720, 8.6610, 24.7650



243.5370, 3.1620, 8.7780



172.0970, -18.8460, 11.1540



120.9450, 1.8330, 5.3290



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.



179.3720, 8.6610, 24.7650



207.6750, 12.6020, 35.9460



180.2390, 19.1610, 21.6970



99.9450, 1.8330, 5.3290



61.6530, 29.1450, 83.0730



15.6660, 7.6530, 21.0050

Inverse Universe

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



177.2750, 27.5070, 13.6110



204.6080, 39.9310, 19.7310



192.7610, -19.1610, -21.6970



99.5170, 5.9140, 2.9540



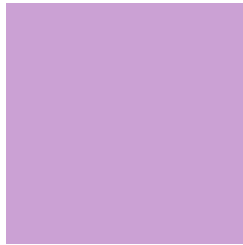
54.5490, 92.2860, 45.5820



13.7690, 23.0600, 11.6040

Previews

White Background



This preview shows how the YIQ color 179.3720, 8.6610, 24.7650 looks on a white background.

Color Contrast Check

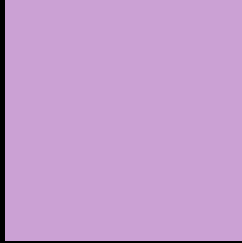
Large Text (above 18pt) WCAG AA × Fail

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 179.3720, 8.6610, 24.7650 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 179.3720, 8.6610, 24.7650

Background



This preview shows how black text looks on a background with the YIQ color 179.3720, 8.6610, 24.7650.



This preview shows how white text looks on a background with the YIQ color 179.3720, 8.6610,

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

179.3720, 8.6610, 24.7650

Protanopia

176.3680, -21.0470, 12.4970

Deuteranopia

176.6420, -10.1350, 12.9770



Tritanopia

177.7510, 14.3030, 10.6150

Trichromacy



Original Color

179.3720, 8.6610, 24.7650

Protanomaly

177.2770, -10.3650, 17.1470

Deuteranomaly

177.3980, -3.3960, 17.5000

Tritanomaly

178.5430, 12.1930, 15.8170

Monochromacy



Original Color

179.3720, 8.6610, 24.7650

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.9500, 3.4370, 9.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.3720, 8.6610, 24.7650 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, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(203, 161, 212)  
}
```

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, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 161, 212) }
```

Border

The CSS property to change the border of an element to YIQ 179.3720, 8.6610, 24.7650 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, 161, 212) }
```


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

```
.border{ border-color:rgb(203, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 161, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 161, 212);  
box-shadow:4px 4px 4px 4px rgb(203, 161,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 179.3720, 8.6610, 24.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 161, 212) }
```

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

```
.background{ background-color: rgb(203,  
161, 212) }
```

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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