

Converting Colors

YIQ(180.1440, 9.3030, 24.1430)

Have a look what the booklet for
YIQ(180.1440, 9.3030, 24.1430)
contains.

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Color

**YIQ(180.1440, 9.3030,
24.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA2D3
RGB	204, 162, 211
RGB Percent	80%, 64%, 83%
CMY	0.1999, 0.3648, 0.1725
CMYK	0.03, 0.23, 0.00, 0.17
HSL	291°, 36%, 73%
HSV	291°, 23%, 83%
XYZ	49.5860, 43.3797, 67.3875
YIQ	180.1440, 9.3030, 24.1430

Conversions

Conversions Part 2

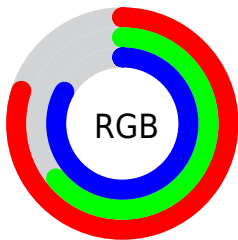
Format	Color
R_{YB}	204, 162, 211
Decimal	13411027
CIE _{Lab}	71.81, 24.01, -19.04
CIE _{LCh}	72, 30.643, 321.587
Yxy	43.3797, 0.3092, 0.2705
Android (android.graphics.Color)	4291601107 (0xFFCCA2D3)
YUV	180.1440, 15.2120, 20.9217
Hunter-Lab	65.8633, 19.1254, -14.5578

Details

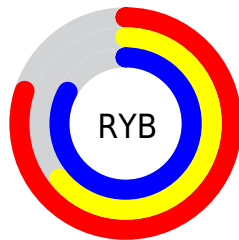
The YIQ color $180.1440, 9.3030, 24.1430$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $192.8560, -9.3030, -24.1430$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $232.6940, 10.4500, 19.8740$, and $126.9050, 8.4780, 22.5740$ is the 20% darker color. If you saturate the color by 10%, you get $166.9200, 13.2900, 34.4900$, and if you desaturate by 10%, it is $193.3680, 5.3160, 13.7960$.

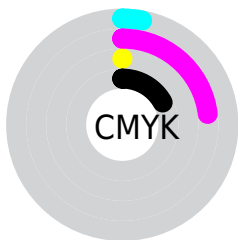
Distribution



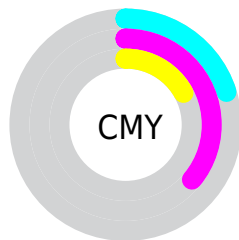
- Red (80%)
- Green (64%)
- Blue (83%)



- Red (80%)
- Yellow (64%)
- Blue (83%)



- Cyan (3%)
- Magenta (23%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.1440, 9.3030, 24.1430 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 180.1440, 9.3030, 24.1430 by changing the saturation by 10% instead.

 180.1440, 9.3030,
24.1430


 180.1440, 9.3030,
24.1430

255.0000, -0.0000,
-0.0000


 153.3180, 8.7530,
23.0970


 232.6940, 10.4500,
19.8740


 126.9050, 8.4780,
22.5740

 249.7170, 2.4750,
4.7070

 101.4920, 8.2030,
22.0510

 77.6660, 7.6530,
21.0050

 53.9540, 6.7820,
20.2700

 31.5410, 6.5070,
19.7470

 13.3730, 6.9200,

17.7680

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 180.1440, 9.3030,
24.1430

■ 180.1440, 9.3030,
24.1430

■ 166.9200, 13.2900,
34.4900

■ 193.3680, 5.3160,
13.7960

■ 153.6960, 17.2770,
44.8370

■ 206.5920, 1.3290,
3.4490

■ 140.4720, 21.2640,
55.1840

■ 219.8160, -2.6580,
-6.8980

■ 127.2480, 25.2510,
65.5310

■ 233.0400, -6.6450,
-17.2450

■ 113.4370, 29.5130,
76.4010

■ 239.2200, -7.3320,
-21.3160

■ 100.2130, 33.5000,
86.7480

■ 240.1170, -5.5440,
-20.6800

■ 86.9890, 37.4870,
97.0950

■ 241.0140, -3.7560,
-20.0440

■ 78.1730, 40.1450,
103.9930

■ 241.9110, -1.9680,
-19.4080

■ 242.8080, -0.1800,
-18.7720

Harmonies

Analogous

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



177.4870, -19.7640, 16.7800



180.1440, 9.3030, 24.1430



180.2360, 32.4110, 23.8590

Triad

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



180.1440, 9.3030, 24.1430



175.4550, 34.8470, -9.2890



160.7730, -62.9930, -20.2810

Complementary

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



180.1440, 9.3030, 24.1430



192.8560, -9.3030, -24.1430

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.



164.3440, -39.9760, -24.4240



180.1440, 9.3030, 24.1430



172.5940, 15.0420, -19.3100

Square

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



180.1440, 9.3030, 24.1430



176.9330, 45.6650, 3.9130



168.4860, -11.1370, -23.9450



163.4280, -65.9750, -10.2870

Rectangle

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



180.1440, 9.3030, 24.1430



179.2770, 42.3610, 19.7450



168.4860, -11.1370, -23.9450



161.1280, -56.8030, -22.3310

Sweetspot

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



180.1440, 9.3030, 24.1430



243.5370, 3.1620, 8.7780



171.6950, -17.6540, 11.5780



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.



180.1440, 9.3030, 24.1430



210.3330, 13.5650, 35.0130



180.2990, 18.9320, 20.3400



97.9450, 1.8330, 5.3290



62.2080, 31.8960, 82.7760



15.1390, 7.6990, 20.1710

Inverse Universe

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



177.4490, 26.9570, 12.5650



206.3690, 39.1060, 18.1620



192.7010, -18.9320, -20.3400



97.5170, 5.9140, 2.9540



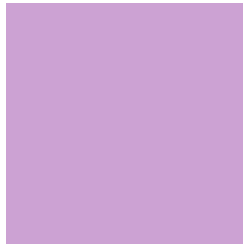
52.9680, 92.4240, 43.0800



12.9430, 22.5100, 10.5580

Previews

White Background



This preview shows how the YIQ color 180.1440, 9.3030, 24.1430 looks on a white background.

Color Contrast Check

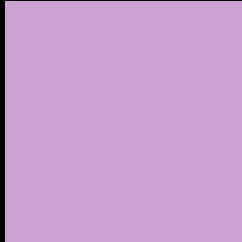
Large Text (above 18pt) WCAG AA × Fail

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 180.1440, 9.3030, 24.1430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

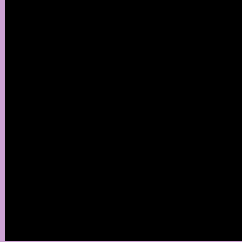
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.1440, 9.3030, 24.1430

Background



This preview shows how black text looks on a background with the YIQ color 180.1440, 9.3030, 24.1430.



This preview shows how white text looks on a background with the YIQ color 180.1440, 9.3030,

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

180.1440, 9.3030, 24.1430

Protanopia

176.5530, -20.1300, 12.3980

Deuteranopia

177.7130, -8.8970, 12.5670



Tritanopia

179.0500, 14.8990, 10.8270

Trichromacy



Original Color

180.1440, 9.3030, 24.1430

Protanomaly

178.0490, -9.7230, 16.5250

Deuteranomaly

178.4690, -2.1580, 17.0900

Tritanomaly

179.4290, 12.5140, 15.5060

Monochromacy



Original Color

180.1440, 9.3030, 24.1430

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.8360, 3.7580, 8.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.1440, 9.3030, 24.1430 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, 162, 211)` looks like.

```
.text, #text, p{  
    color:rgb(204, 162, 211)  
}
```

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, 162, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 162, 211) }
```

Border

The CSS property to change the border of an element to YIQ 180.1440, 9.3030, 24.1430 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, 162, 211) }
```


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

```
.border{ border-color:rgb(204, 162, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 162, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 162, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 162, 211);  
box-shadow:4px 4px 4px 4px rgb(204, 162,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 180.1440, 9.3030, 24.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 162, 211) }
```

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

```
.background{ background-color: rgb(204,  
162, 211) }
```

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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