

Converting Colors

YIQ(180.9020, 21.7280, 24.7360)

Have a look what the booklet for
YIQ(180.9020, 21.7280, 24.7360)
contains.

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Color

**YIQ(180.9020, 21.7280,
24.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	D99FC7
RGB	217, 159, 199
RGB Percent	85%, 62%, 78%
CMY	0.1489, 0.3765, 0.2195
CMYK	0.00, 0.27, 0.08, 0.15
HSL	319°, 43%, 74%
HSV	319°, 27%, 85%
XYZ	51.3320, 43.6702, 59.7651
YIQ	180.9020, 21.7280, 24.7360

Conversions

Conversions Part 2

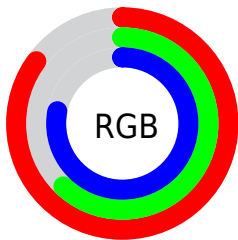
Format	Color
R _Y B	217, 159, 199
Decimal	14262215
CIE Lab	72.01, 27.84, -12.02
CIE LCh	72, 30.321, 336.651
Yxy	43.6702, 0.3317, 0.2822
Android (android.graphics.Color)	4292452295 (0xFFD99FC7)
YUV	180.9020, 8.9223, 31.6579
Hunter-Lab	66.0834, 23.0086, -7.3628

Details

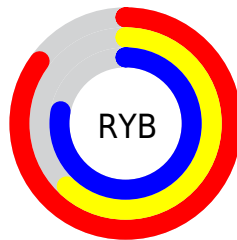
The YIQ color **180.9020, 21.7280, 24.7360** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.0980, -21.7280, -24.7360**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9330, 11.2750, 21.4430**, and **127.4780, 19.9860, 23.2660** is the 20% darker color. If you saturate the color by 10%, you get **167.1900, 30.0250, 34.0650**, and if you desaturate by 10%, it is **194.6140, 13.4310, 15.4070**.

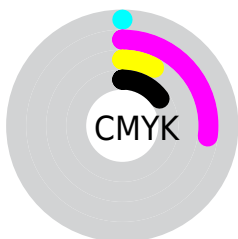
Distribution



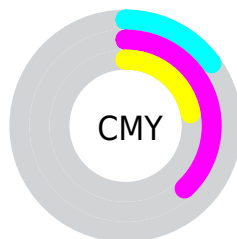
- Red (85%)
- Green (62%)
- Blue (78%)



- Red (85%)
- Yellow (62%)
- Blue (78%)



- Cyan (0%)
- Magenta (27%)
- Yellow (8%)
- Black (15%)





- Cyan (15%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.9020, 21.7280, 24.7360 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 180.9020, 21.7280, 24.7360 by changing the saturation by 10% instead.


 180.9020, 21.7280,
24.7360

 180.9020, 21.7280,
24.7360


255.0000, -0.0000,
-0.0000


 154.1900, 20.8570,
24.0010


 230.9330, 11.2750,
21.4430


 127.4780, 19.9860,
23.2660

 247.9560, 3.3000,
6.2760

 102.0650, 19.7110,
22.7430

 77.4670, 18.5190,
22.3190

 53.7550, 17.6480,
21.5840

 29.5700, 16.7310,
21.6830

 14.8530, 14.2560,

16.9760

■ 0.0000, 0.0000,
0.0000

■ 180.9020, 21.7280,
24.7360

■ 180.9020, 21.7280,
24.7360

■ 167.1900, 30.0250,
34.0650

■ 194.6140, 13.4310,
15.4070

■ 154.1790, 37.7260,
43.1820

■ 207.6250, 5.7300,
6.2900

■ 140.4670, 46.0230,
52.5110

■ 221.3370, -2.5670,
-3.0390

■ 126.7550, 54.3200,
61.8400

■ 235.0490,
-10.8640, -12.3680

■ 113.0430, 62.6170,
71.1690

■ 241.1300,
-15.5860, -14.8980

100.0320, 70.3180,
80.2860

241.8140,
-17.5120, -13.0320

86.3200, 78.6150,
89.6150

242.6120,
-19.7590, -10.8550

81.9830, 81.1820,
92.6540

243.4100,
-22.0060, -8.6780

243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



179.4350, -4.8180, 21.2460



180.9020, 21.7280, 24.7360



180.1350, 39.8850, 20.5650

Triad

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



180.9020, 21.7280, 24.7360



174.5030, 25.7240, -14.6600



161.9670, -66.2950, -15.5030

Complementary

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



180.9020, 21.7280, 24.7360



195.0980, -21.7280, -24.7360

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.



163.0530, -52.2180, -22.8260



180.9020, 21.7280, 24.7360



171.3690, 2.4340, -22.0940

Square

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



180.9020, 21.7280, 24.7360



176.6780, 41.7690, -2.5750



167.0590, -25.9920, -24.5520



167.3630, -58.1820, -2.8380

Rectangle

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



180.9020, 21.7280, 24.7360



178.9690, 45.9840, 14.6560



167.0590, -25.9920, -24.5520



161.5280, -63.6810, -18.8250

Sweetspot

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



180.9020, 21.7280, 24.7360



242.5760, 7.4260, 8.5940



170.6950, -8.4860, 21.6420



119.9130, 4.8590, 5.5550



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.



180.9020, 21.7280, 24.7360



204.0160, 30.5750, 35.1110



177.7100, 30.7160, 16.0280



103.0870, 4.3090, 4.5090



65.4070, 64.5880, 73.9960



17.4020, 17.1440, 19.7040

Inverse Universe

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



180.9020, 21.7280, 24.7360



204.0160, 30.5750, 35.1110



198.2900, -30.7160, -16.0280



103.0870, 4.3090, 4.5090



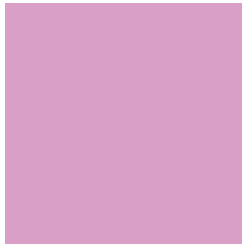
65.4070, 64.5880, 73.9960



17.4020, 17.1440, 19.7040

Previews

White Background



This preview shows how the YIQ color 180.9020, 21.7280, 24.7360 looks on a white background.

Color Contrast Check

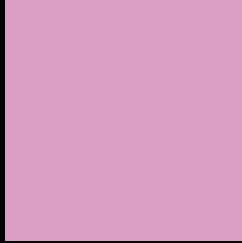
Large Text (above 18pt) WCAG AA × Fail

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 180.9020, 21.7280, 24.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

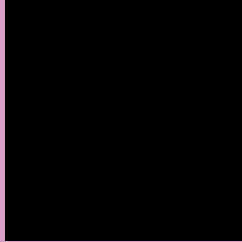
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.9020, 21.7280, 24.7360

Background



This preview shows how black text looks on a background with the YIQ color 180.9020, 21.7280, 24.7360.



This preview shows how white text looks on a background with the YIQ color 180.9020, 21.7280,

24.7360.

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

180.9020, 21.7280, 24.7360

Protanopia

177.4950, -14.2150, 9.8250

Deuteranopia

178.7370, -0.2770, 10.5310



Tritanopia

179.7310, 26.2230, 14.8550

Trichromacy



Original Color

180.9020, 21.7280, 24.7360

Protanomaly

178.6000, -1.1490, 15.3230

Deuteranomaly

179.5040, 7.9290, 16.0010

Tritanomaly

180.3550, 24.5260, 18.0780

Monochromacy



Original Color

180.9020, 21.7280, 24.7360

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.9890, 7.7010, 9.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.9020, 21.7280, 24.7360 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(217, 159, 199)` looks like.

```
.text, #text, p{  
    color:rgb(217, 159, 199)  
}
```

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(217, 159, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 159, 199) }
```

Border

The CSS property to change the border of an element to YIQ 180.9020, 21.7280, 24.7360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

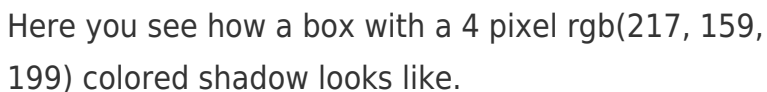
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 159, 199) }
```


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

```
.border{ border-color:rgb(217, 159, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 159, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 159, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 159, 199);  
box-shadow:4px 4px 4px 4px rgb(217, 159,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 180.9020, 21.7280, 24.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 159, 199) }
```

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

```
.background{ background-color: rgb(217,  
159, 199) }
```

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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