

Converting Colors

YIQ(193.6720, 7.5160, 17.9800)

Have a look what the booklet for
YIQ(193.6720, 7.5160, 17.9800)
contains.

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Color

**YIQ(193.6720, 7.5160,
17.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B4D8
RGB	212, 180, 216
RGB Percent	83%, 71%, 85%
CMY	0.1685, 0.2942, 0.1529
CMYK	0.02, 0.17, 0.00, 0.15
HSL	293°, 32%, 78%
HSV	293°, 17%, 85%
XYZ	55.8719, 51.5958, 71.9803
YIQ	193.6720, 7.5160, 17.9800

Conversions

Conversions Part 2

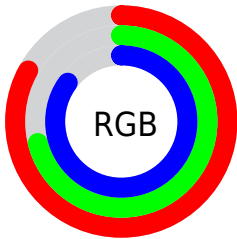
Format	Color
R _Y B	212, 180, 216
Decimal	13939928
CIE Lab	77.04, 17.82, -13.82
CIE LCh	77, 22.547, 322.212
Yxy	51.5958, 0.3114, 0.2875
Android (android.graphics.Color)	4292130008 (0xFFD4B4D8)
YUV	193.6720, 11.0077, 16.0737
Hunter-Lab	71.8302, 13.1403, -9.1327

Details

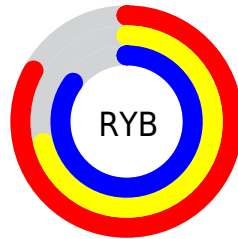
The YIQ color $193.6720, 7.5160, 17.9800$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $202.3280, -7.5160, -17.9800$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8470, 5.2250, 9.9370$, and $139.8460, 6.9660, 16.9340$ is the 20% darker color. If you saturate the color by 10%, you get $180.1600, 12.3740, 29.0620$, and if you desaturate by 10%, it is $207.1840, 2.6580, 6.8980$.

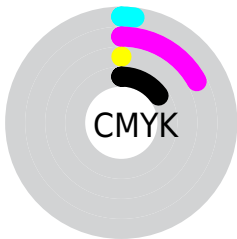
Distribution



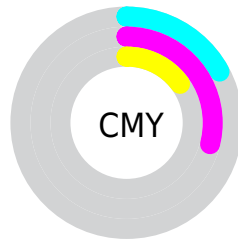
- Red (83%)
- Green (71%)
- Blue (85%)



- Red (83%)
- Yellow (71%)
- Blue (85%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.6720, 7.5160, 17.9800 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 193.6720, 7.5160, 17.9800 by changing the saturation by 10% instead.

 193.6720, 7.5160,
17.9800


 193.6720, 7.5160,
17.9800


255.0000, -0.0000,
-0.0000


 166.2590, 7.2410,
17.4570


 243.8470, 5.2250,
9.9370

 139.8460, 6.9660,
16.9340

 114.4330, 6.6910,
16.4110

 89.7210, 5.8200,
15.6760

 66.1940, 5.8660,
14.8420

 43.7810, 5.5910,
14.3190

 22.0690, 4.7200,

13.5840

■ 3.0630, -4.3110,
6.5450

■ 0.0000, 0.0000,
0.0000

■ 193.6720, 7.5160,
17.9800

■ 193.6720, 7.5160,
17.9800

■ 180.1600, 12.3740,
29.0620

■ 207.1840, 2.6580,
6.8980

■ 166.9360, 16.3610,
39.4090

■ 220.4080, -1.3290,
-3.4490

■ 153.4240, 21.2190,
50.4910

■ 233.9200, -6.1870,
-14.5310

■ 140.2000, 25.2060,
60.8380

■ 240.6870, -7.1490,
-19.1250

■ 126.6880, 30.0640,
71.9200

■ 241.2850, -5.9570,
-18.7010

■ 113.1760, 34.9220,
83.0020

■ 241.8830, -4.7650,
-18.2770

■ 99.9520, 38.9090,
93.3490

■ 242.7800, -2.9770,
-17.6410

■ 86.4400, 43.7670,
104.4310

■ 243.3780, -1.7850,
-17.2170

■ 82.0320, 45.0960,
107.8800

■ 243.9760, -0.5930,
-16.7930

Harmonies

Analogous

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



191.7880, -13.4820, 13.0620



193.6720, 7.5160, 17.9800



194.2410, 24.8470, 17.7670

Triad

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



193.6720, 7.5160, 17.9800



189.8440, 26.5020, -6.7300



181.7110, -42.0870, -13.6950

Complementary

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



193.6720, 7.5160, 17.9800



202.3280, -7.5160, -17.9800

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.



182.6060, -28.7900, -17.8940



193.6720, 7.5160, 17.9800



187.9020, 11.4190, -14.2210

Square

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



193.6720, 7.5160, 17.9800



191.5450, 35.0740, 3.1220



185.1430, -8.4330, -17.8810



183.3830, -43.7390, -5.7790

Rectangle

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



193.6720, 7.5160, 17.9800



193.1400, 32.3210, 14.4730



185.1430, -8.4330, -17.8810



181.5110, -38.6480, -15.4480

Sweetspot

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



193.6720, 7.5160, 17.9800



247.0700, 2.9790, 6.5870



186.4520, -12.6560, 9.1040



123.0050, 1.6040, 3.9720



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.



193.6720, 7.5160, 17.9800



223.2690, 10.4490, 25.4010



193.2720, 14.3940, 14.4740



100.2440, 2.4290, 5.5410



64.9420, 35.7010, 85.4050



16.5630, 9.4410, 21.6410

Inverse Universe

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



191.2200, 20.1720, 8.8760



219.9330, 28.4700, 12.6780



202.7280, -14.3940, -14.4740



99.5170, 5.9140, 2.9540



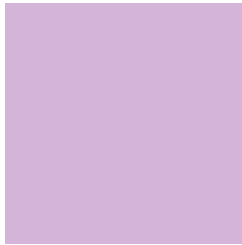
53.2950, 95.8170, 42.1610



13.4270, 24.0230, 10.6710

Previews

White Background



This preview shows how the YIQ color 193.6720, 7.5160, 17.9800 looks on a white background.

Color Contrast Check

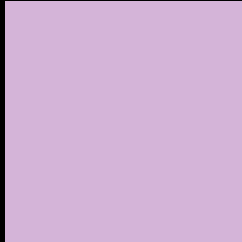
Large Text (above 18pt) WCAG AA × Fail

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 193.6720, 7.5160, 17.9800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

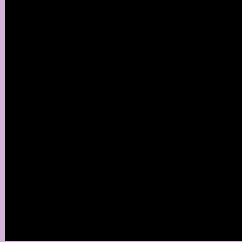
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.6720, 7.5160, 17.9800

Background



This preview shows how black text looks on a background with the YIQ color 193.6720, 7.5160, 17.9800.



This preview shows how white text looks on a background with the YIQ color 193.6720, 7.5160,

17.9800.

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

193.6720, 7.5160, 17.9800

Protanopia

191.2670, -13.5730, 9.2030

Deuteranopia

192.0080, -2.4780, 11.8740



Tritanopia

192.4840, 10.6810, 10.1770

Trichromacy



Original Color

193.6720, 7.5160, 17.9800

Protanomaly

192.2680, -6.1460, 12.2700

Deuteranomaly

192.3290, 1.0520, 13.9800

Tritanomaly

192.9940, 9.3050, 13.0890

Monochromacy



Original Color

193.6720, 7.5160, 17.9800

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0700, 2.9790, 6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.6720, 7.5160, 17.9800 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(212, 180, 216)` looks like.

```
.text, #text, p{  
    color:rgb(212, 180, 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(212, 180, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 180, 216) }
```

Border

The CSS property to change the border of an element to YIQ 193.6720, 7.5160, 17.9800 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(212, 180, 216) }
```


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

```
.border{ border-color:rgb(212, 180, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 180, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 180, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 180, 216);  
box-shadow:4px 4px 4px 4px rgb(212, 180,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 193.6720, 7.5160, 17.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 180, 216) }
```

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

```
.background{ background-color: rgb(212,  
180, 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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