

Converting Colors

YIQ(194.5980, 19.5280, 20.5520)

Have a look what the booklet for
YIQ(194.5980, 19.5280, 20.5520)
contains.

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Color

**YIQ(194.5980, 19.5280,
20.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B0D0
RGB	226, 176, 208
RGB Percent	89%, 69%, 82%
CMY	0.1136, 0.3099, 0.1843
CMYK	0.00, 0.22, 0.08, 0.11
HSL	322°, 46%, 79%
HSV	322°, 22%, 89%
XYZ	58.2832, 51.7717, 66.6043
YIQ	194.5980, 19.5280, 20.5520

Conversions

Conversions Part 2

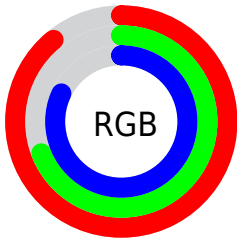
Format	Color
R _Y B	226, 176, 208
Decimal	14856400
CIE Lab	77.14, 23.30, -9.18
CIE LCh	77, 25.048, 338.493
Yxy	51.7717, 0.3299, 0.2931
Android (android.graphics.Color)	4293046480 (0xFFE2B0D0)
YUV	194.5980, 6.6072, 27.5396
Hunter-Lab	71.9525, 18.6721, -4.5162

Details

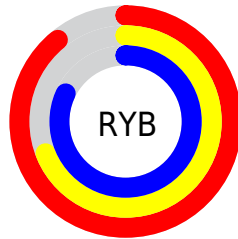
The YIQ color **194.5980, 19.5280, 20.5520** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **207.4020, -19.5280, -20.5520**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.3250, 12.0290**, and **140.5870, 18.0610, 19.6050** is the 20% darker color. If you saturate the color by 10%, you get **180.1850, 28.4210, 30.0930**, and if you desaturate by 10%, it is **209.0110, 10.6350, 11.0110**.

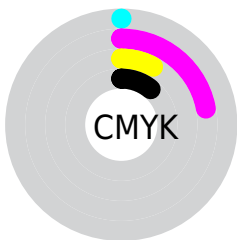
Distribution



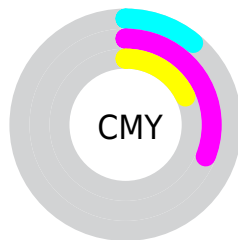
- Red (89%)
- Green (69%)
- Blue (82%)



- Red (89%)
- Yellow (69%)
- Blue (82%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.5980, 19.5280, 20.5520 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 194.5980, 19.5280, 20.5520 by changing the saturation by 10% instead.

194.5980, 19.5280,
20.5520

194.5980, 19.5280,
20.5520

255.0000, -0.0000,
-0.0000

167.1850, 19.2530,
20.0290

241.4990, 6.3250,
12.0290

140.5870, 18.0610,
19.6050

114.8750, 17.1900,
18.8700

90.1630, 16.3190,
18.1350

65.8640, 15.7230,
17.9230

43.1520, 14.8520,
17.1880

20.8530, 14.2560,

16.9760

■ 7.2340, 8.3890,
7.6610

■ 0.0000, 0.0000,
0.0000

■ 194.5980, 19.5280,
20.5520

■ 194.5980, 19.5280,
20.5520

■ 180.1850, 28.4210,
30.0930

■ 209.0110, 10.6350,
11.0110

■ 166.3590, 37.0390,
39.1110

■ 222.8370, 2.0170,
1.9930

■ 151.9460, 45.9320,
48.6520

■ 237.2500, -6.8760,
-7.5480

■ 138.0060, 54.8710,
57.3590

■ 244.7330,
-12.7900, -10.5020

■ 123.5930, 63.7640,
66.9000

■ 245.6450,
-15.3580, -8.0140

■ 109.1800, 72.6570,
76.4410

■ 246.3290,
-17.2840, -6.1480

■ 95.3540, 81.2750,
85.4590

■ 84.1040, 88.1510,
93.0070

Harmonies

Analogous

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



193.4090, -1.9290, 18.4470



194.5980, 19.5280, 20.5520



194.0910, 34.0170, 16.7770

Triad

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



194.5980, 19.5280, 20.5520



188.7460, 20.7260, -12.1860



180.8010, -51.0280, -11.3480

Complementary

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



194.5980, 19.5280, 20.5520



207.4020, -19.5280, -20.5520

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.



180.6630, -42.1320, -18.3880



194.5980, 19.5280, 20.5520



186.1070, 0.4160, -18.5600

Square

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



194.5980, 19.5280, 20.5520



190.9700, 35.0750, -2.4050



182.8470, -22.2790, -20.2550



184.6590, -44.3360, -0.4640

Rectangle

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



194.5980, 19.5280, 20.5520



193.1530, 39.4740, 11.4900



182.8470, -22.2790, -20.2550



180.4050, -49.9730, -13.9490

Sweetspot

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



194.5980, 19.5280, 20.5520



243.7500, 6.8760, 7.5480



187.0820, -5.3220, 19.3660



121.0870, 4.3090, 4.5090



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.



194.5980, 19.5280, 20.5520



211.6470, 27.0000, 28.3120



191.7480, 27.5530, 12.7770



105.0870, 4.3090, 4.5090



65.5060, 68.6230, 72.4550



17.8860, 18.6570, 19.8170

Inverse Universe

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



194.5980, 19.5280, 20.5520



211.6470, 27.0000, 28.3120



210.2520, -27.5530, -12.7770



105.0870, 4.3090, 4.5090



65.5060, 68.6230, 72.4550



17.8860, 18.6570, 19.8170

Previews

White Background



This preview shows how the YIQ color 194.5980, 19.5280, 20.5520 looks on a white background.

Color Contrast Check

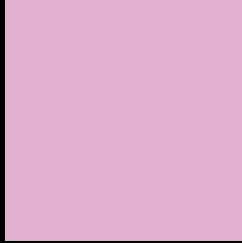
Large Text (above 18pt) WCAG AA × Fail

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 194.5980, 19.5280, 20.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

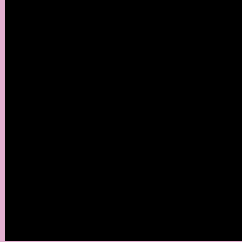
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.5980, 19.5280, 20.5520

Background



This preview shows how black text looks on a background with the YIQ color 194.5980, 19.5280, 20.5520.



This preview shows how white text looks on a background with the YIQ color 194.5980, 19.5280,

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

194.5980, 19.5280, 20.5520

Protanopia

191.1810, -10.4550, 7.7610

Deuteranopia

192.4770, 3.3910, 10.1350



Tritanopia

193.9370, 22.6470, 13.5830

Trichromacy



Original Color

194.5980, 19.5280, 20.5520

Protanomaly

192.3890, 0.8230, 12.6230

Deuteranomaly

193.5210, 9.2590, 13.9230

Tritanomaly

194.3330, 21.5920, 16.1840

Monochromacy



Original Color

194.5980, 19.5280, 20.5520

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.7500, 6.8760, 7.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.5980, 19.5280, 20.5520 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(226, 176, 208)` looks like.

```
.text, #text, p{  
    color:rgb(226, 176, 208)  
}
```

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(226, 176, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 176, 208) }
```

Border

The CSS property to change the border of an element to YIQ 194.5980, 19.5280, 20.5520 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(226, 176, 208) }
```


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

```
.border{ border-color:rgb(226, 176, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 176, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 176, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 176, 208);  
box-shadow:4px 4px 4px 4px rgb(226, 176,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 194.5980, 19.5280, 20.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 176, 208) }
```

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

```
.background{ background-color: rgb(226,  
176, 208) }
```

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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