

Converting Colors

YIQ(161.5980, 19.5280, 20.5520)

Have a look what the booklet for
YIQ(161.5980, 19.5280, 20.5520)
contains.

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Color

**YIQ(161.5980, 19.5280,
20.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	C18FAF
RGB	193, 143, 175
RGB Percent	76%, 56%, 69%
CMY	0.2430, 0.4393, 0.3137
CMYK	0.00, 0.26, 0.09, 0.24
HSL	322°, 29%, 66%
HSV	322°, 26%, 76%
XYZ	39.5599, 34.0764, 45.0567
YIQ	161.5980, 19.5280, 20.5520

Conversions

Conversions Part 2

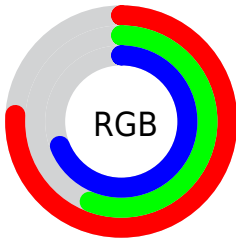
Format	Color
R_{YB}	193, 143, 175
Decimal	12685231
CIE _{Lab}	65.02, 24.08, -9.34
CIE _{LCh}	65, 25.826, 338.792
Yxy	34.0764, 0.3333, 0.2871
Android (android.graphics.Color)	4290875311 (0xFFC18FAF)
YUV	161.5980, 6.6072, 27.5396
Hunter-Lab	58.3750, 18.8104, -4.9005

Details

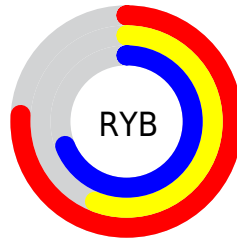
The YIQ color $161.5980, 19.5280, 20.5520$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $174.4020, -19.5280, -20.5520$, and the grayscale version is $162.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $216.7230, 20.6740, 21.8100$, and $109.5870, 18.0610, 19.6050$ is the 20% darker color. If you saturate the color by 10%, you get $149.6470, 27.0000, 28.3120$, and if you desaturate by 10%, it is $173.5490, 12.0560, 12.7920$.

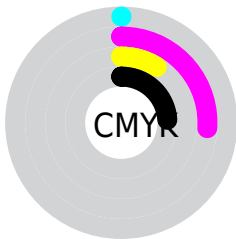
Distribution



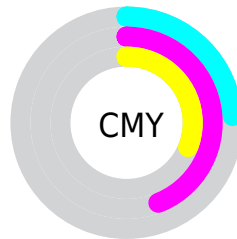
- Red (76%)
- Green (56%)
- Blue (69%)



- Red (76%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (9%)
- Black (24%)





- Cyan (24%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 161.5980, 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 161.5980, 19.5280, 20.5520 by changing the saturation by 10% instead.


 161.5980, 19.5280,
20.5520

 161.5980, 19.5280,
20.5520


255.0000, -0.0000,
-0.0000

 135.1850, 19.2530,
20.0290


 216.7230, 20.6740,
21.8100


 109.5870, 18.0610,
19.6050


 237.3900, 8.2500,
15.6900

 84.8750, 17.1900,
18.8700

254.4130, 0.2750,
0.5230

 61.1630, 16.3190,
18.1350

 38.4510, 15.4480,
17.4000

 15.6790, 14.8060,
18.0220

 2.0220, 2.9340,

1.8940

■ 0.0000, 0.0000,
0.0000

■ 161.5980, 19.5280,
20.5520

■ 161.5980, 19.5280,
20.5520

■ 149.6470, 27.0000,
28.3120

■ 173.5490, 12.0560,
12.7920

■ 137.1090, 34.7470,
36.5950

■ 186.0870, 4.3090,
4.5090

■ 125.1580, 42.2190,
44.3550

■ 198.0380, -3.1630,
-3.2510

■ 113.2070, 49.6910,
52.1150

■ 209.9890,
-10.6350, -11.0110

■ 100.6690, 57.4380,
60.3980

■ 222.5270,
-18.3820, -19.2940

■ 88.7180, 64.9100,
68.1580

■ 232.1300,
-24.7540, -24.9620

■ 76.7670, 72.3820,
75.9180

■ 232.9280,
-27.0010, -22.7850

■ 71.8430, 75.2240,
79.4800

■ 233.7260,
-29.2480, -20.6080

■ 234.5240,
-31.4950, -18.4310

Harmonies

Analogous

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



160.9960, -2.2040, 17.9240



161.5980, 19.5280, 20.5520



161.0910, 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.



161.5980, 19.5280, 20.5520



156.3330, 20.4510, -12.7090



146.7190, -53.7330, -11.8850

Complementary

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



161.5980, 19.5280, 20.5520



174.4020, -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.



147.1790, -43.6450, -18.5010



161.5980, 19.5280, 20.5520



153.1070, 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.



161.5980, 19.5280, 20.5520



158.2580, 34.2040, -3.1400



149.5480, -22.8750, -20.4670



151.6480, -45.8030, -1.4110

Rectangle

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



161.5980, 19.5280, 20.5520



159.9680, 38.5570, 11.5890



149.5480, -22.8750, -20.4670



146.2090, -52.3570, -14.7970

Sweetspot

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



161.5980, 19.5280, 20.5520



237.4620, 7.7470, 8.2830



154.0820, -5.3220, 19.3660



116.7990, 5.1800, 5.2440



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



161.5980, 19.5280, 20.5520



201.0220, 30.4380, 32.0860



158.7480, 27.5530, 12.7770



90.6740, 4.0340, 3.9860



59.8810, 62.8930, 66.1650



12.2610, 12.9270, 13.5270

Inverse Universe

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



161.5980, 19.5280, 20.5520



201.0220, 30.4380, 32.0860



177.2520, -27.5530, -12.7770



90.6740, 4.0340, 3.9860



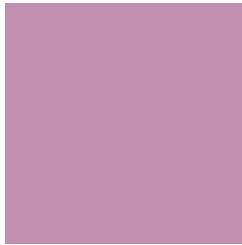
59.8810, 62.8930, 66.1650



12.2610, 12.9270, 13.5270

Previews

White Background



This preview shows how the YIQ color 161.5980, 19.5280, 20.5520 looks on a white background.

Color Contrast Check

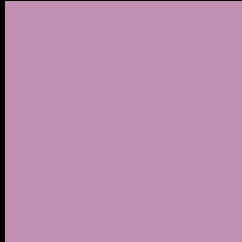
Large Text (above 18pt) WCAG AA × Fail

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 161.5980, 19.5280, 20.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

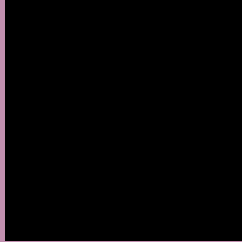
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.5980, 19.5280, 20.5520

Background



This preview shows how black text looks on a background with the YIQ color 161.5980, 19.5280, 20.5520.



This preview shows how white text looks on a background with the YIQ color 161.5980, 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

161.5980, 19.5280, 20.5520

Protanopia

158.8820, -11.0510, 7.5490

Deuteranopia

160.0530, 1.6490, 8.6650



Tritanopia

160.7090, 23.2890, 12.9610

Trichromacy



Original Color

161.5980, 19.5280, 20.5520

Protanomaly

160.0900, 0.2270, 12.4110

Deuteranomaly

160.5100, 7.7920, 12.9760

Tritanomaly

161.2190, 21.9130, 15.8730

Monochromacy



Original Color

161.5980, 19.5280, 20.5520

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

161.7500, 6.8760, 7.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.5980, 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(193, 143, 175)` looks like.

```
.text, #text, p{  
    color:rgb(193, 143, 175)  
}
```

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(193, 143, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 143, 175) }
```

Border

The CSS property to change the border of an element to YIQ 161.5980, 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(193, 143, 175) }
```


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

```
.border{ border-color:rgb(193, 143, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 143, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 143, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 143, 175);  
box-shadow:4px 4px 4px 4px rgb(193, 143,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 161.5980, 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(193, 143, 175) }
```

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

```
.background{ background-color: rgb(193,  
143, 175) }
```

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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