

Converting Colors

YIQ(126.2020, 20.5830, 17.9510)

Have a look what the booklet for
YIQ(126.2020, 20.5830, 17.9510)
contains.

YIQ(126.2020, 20.5830, 17.9510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(126.2020, 20.5830,
17.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6D86
RGB	157, 109, 134
RGB Percent	62%, 43%, 53%
CMY	0.3842, 0.5726, 0.4744
CMYK	0.00, 0.31, 0.15, 0.38
HSL	329°, 20%, 52%
HSV	329°, 31%, 62%
XYZ	23.6818, 19.8261, 25.1387
YIQ	126.2020, 20.5830, 17.9510

Conversions

Conversions Part 2

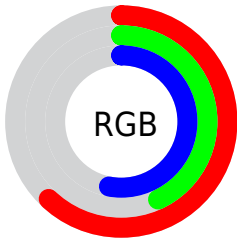
Format	Color
R_{YB}	157, 109, 134
Decimal	10317190
CIE Lab	51.64, 23.07, -6.07
CIE LCh	52, 23.861, 345.253
Yxy	19.8261, 0.3450, 0.2888
Android (android.graphics.Color)	4288507270 (0xFF9D6D86)
YUV	126.2020, 3.8444, 27.0098
Hunter-Lab	44.5265, 17.0152, -2.3053

Details

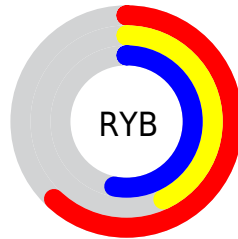
The YIQ color $126.2020, 20.5830, 17.9510$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $139.7980, -20.5830, -17.9510$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.2130, 22.0500, 18.8980$, and $76.7780, 18.8410, 16.4810$ is the 20% darker color. If you saturate the color by 10%, you get $115.8980, 27.5510, 23.8310$, and if you desaturate by 10%, it is $136.5060, 13.6150, 12.0710$.

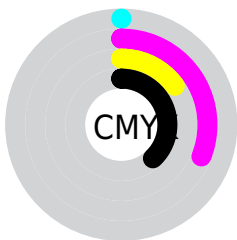
Distribution



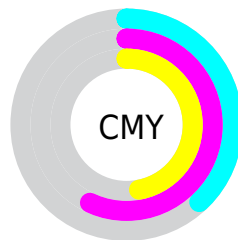
- Red (62%)
- Green (43%)
- Blue (53%)



- Red (62%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (38%)



- Cyan (38%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.2020, 20.5830, 17.9510 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 126.2020, 20.5830, 17.9510 by changing the saturation by 10% instead.

■ 126.2020, 20.5830,
17.9510

■ 126.2020, 20.5830,
17.9510

■ 255.0000, -0.0000,
-0.0000

■ 100.6040, 19.3910,
17.5270

■ 179.2130, 22.0500,
18.8980

■ 76.7780, 18.8410,
16.4810

■ 206.9250, 22.9210,
19.6330

■ 53.1800, 17.6490,
16.0570

■ 230.7390, 14.5770,
16.6650

■ 30.6960, 16.1360,
15.9440

■ 249.1300, 2.7500,
5.2300

■ 12.9300, 15.3570,
13.5410

■ 0.0000, 0.0000,
0.0000

126.2020, 20.5830,
17.9510

126.2020, 20.5830,
17.9510

115.8980, 27.5510,
23.8310

136.5060, 13.6150,
12.0710

106.2950, 33.9230,
29.4990

146.1090, 7.2430,
6.4030

95.9910, 40.8910,
35.3790

156.4130, 0.2750,
0.5230

85.8010, 47.5380,
41.5700

166.6030, -6.3720,
-5.6680

75.4970, 54.5060,
47.4500

176.9070,
-13.3400, -11.5480

65.8940, 60.8780,
53.1180


186.5100,
-19.7120, -17.2160

56.2910, 67.2500,
58.7860

196.8140,
-26.6800, -23.0960

207.0040,

-33.3270, -29.2870

 216.7210,
-40.0200, -34.6440

Harmonies

Analogous

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



125.8070, 2.7020, 17.1180



126.2020, 20.5830, 17.9510



125.3140, 31.7710, 13.4270

Triad

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



126.2020, 20.5830, 17.9510



120.8100, 14.6740, -12.6380



112.6380, -49.0110, -9.3550

Complementary

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



126.2020, 20.5830, 17.9510



139.7980, -20.5830, -17.9510

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.



112.0590, -43.1870, -15.7870



126.2020, 20.5830, 17.9510



118.1220, -3.9400, -16.7080

Square

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



126.2020, 20.5830, 17.9510



122.4960, 27.6020, -4.6380



115.3460, -25.1220, -18.2900



118.1220, -38.3300, 0.8220

Rectangle

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



126.2020, 20.5830, 17.9510



124.5220, 33.8810, 8.2250



115.3460, -25.1220, -18.2900



111.7580, -49.4690, -12.0690

Sweetspot

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



126.2020, 20.5830, 17.9510



192.4080, 7.8390, 6.6150



121.0500, -2.2960, 19.5920



94.9730, 4.6300, 4.1980



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



126.2020, 20.5830, 17.9510



155.8710, 32.1810, 28.0290



123.5800, 27.9660, 10.7980



73.8480, 3.4840, 2.9400



51.1930, 61.4740, 53.3300



5.3970, 6.3720, 5.6680

Inverse Universe

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



126.2020, 20.5830, 17.9510



155.8710, 32.1810, 28.0290



142.4200, -27.9660, -10.7980



73.8480, 3.4840, 2.9400



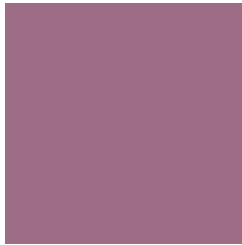
51.1930, 61.4740, 53.3300



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 126.2020, 20.5830, 17.9510 looks on a white background.

Color Contrast Check

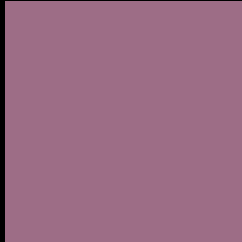
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.2020, 20.5830, 17.9510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

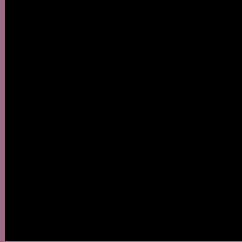
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.2020, 20.5830, 17.9510

Background



This preview shows how black text looks on a background with the YIQ color 126.2020, 20.5830, 17.9510.



This preview shows how white text looks on a background with the YIQ color 126.2020, 20.5830,

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

126.2020, 20.5830, 17.9510

Protanopia

123.7960, -7.9330, 6.1070

Deuteranopia

124.6570, 2.7040, 6.0640



Tritanopia

125.1820, 23.3350, 12.1270

Trichromacy



Original Color

126.2020, 20.5830, 17.9510

Protanomaly

124.4060, 2.1530, 10.5450

Deuteranomaly

125.1140, 8.8470, 10.3750

Tritanomaly

125.4640, 22.6010, 14.4170

Monochromacy



Original Color

126.2020, 20.5830, 17.9510

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1090, 7.2430, 6.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.2020, 20.5830, 17.9510 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(157, 109, 134)` looks like.

```
.text, #text, p{  
    color:rgb(157, 109, 134)  
}
```

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(157, 109, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 109, 134) }
```

Border

The CSS property to change the border of an element to YIQ 126.2020, 20.5830, 17.9510 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(157, 109, 134) }
```


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

```
.border{ border-color:rgb(157, 109, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 109, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 109, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 109, 134);  
box-shadow:4px 4px 4px 4px rgb(157, 109,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 126.2020, 20.5830, 17.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 109, 134) }
```

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

```
.background{ background-color: rgb(157,  
109, 134) }
```

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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