

Converting Colors

YIQ(128.9290, 17.0980, 20.5380)

Have a look what the booklet for
YIQ(128.9290, 17.0980, 20.5380)
contains.

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Color

**YIQ(128.9290, 17.0980,
20.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6F91
RGB	158, 111, 145
RGB Percent	62%, 44%, 57%
CMY	0.3803, 0.5648, 0.4313
CMYK	0.00, 0.30, 0.08, 0.38
HSL	317°, 20%, 53%
HSV	317°, 30%, 62%
XYZ	24.9012, 20.6818, 29.4719
YIQ	128.9290, 17.0980, 20.5380

Conversions

Conversions Part 2

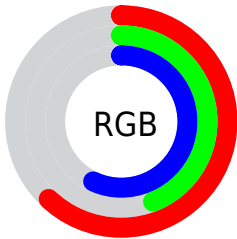
Format	Color
R_{YB}	158, 111, 145
Decimal	10383249
CIE _{Lab}	52.60, 24.25, -11.10
CIE _{LCh}	53, 26.668, 335.407
Yxy	20.6818, 0.3318, 0.2756
Android (android.graphics.Color)	4288573329 (0xFF9E6F91)
YUV	128.9290, 7.9230, 25.4953
Hunter-Lab	45.4772, 18.1529, -6.5893

Details

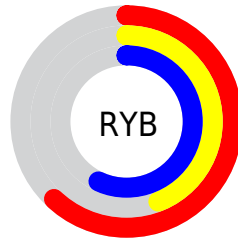
The YIQ color **128.9290, 17.0980, 20.5380** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.0710, -17.0980, -20.5380**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0540, 18.2440, 21.7960**, and **78.9180, 15.6310, 19.5910** is the 20% darker color. If you saturate the color by 10%, you get **119.0810, 22.7820, 27.6620**, and if you desaturate by 10%, it is **138.7770, 11.4140, 13.4140**.

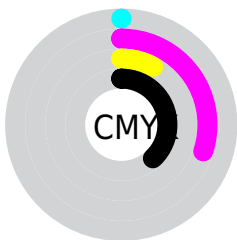
Distribution



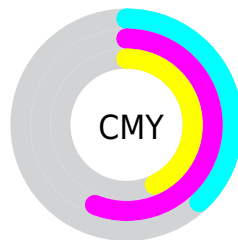
- Red (62%)
- Green (44%)
- Blue (57%)



- Red (62%)
- Yellow (44%)
- Blue (57%)



- Cyan (0%)
- Magenta (30%)
- Yellow (8%)
- Black (38%)





- Cyan (38%)
- Magenta (56%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.9290, 17.0980, 20.5380 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 128.9290, 17.0980, 20.5380 by changing the saturation by 10% instead.


 128.9290, 17.0980,
20.5380


 128.9290, 17.0980,
20.5380


255.0000, -0.0000,
-0.0000


 103.5160, 16.8230,
20.0150


 182.0540, 18.2440,
21.7960

 78.9180, 15.6310,
19.5910


 209.7660, 19.1150,
22.5310


 55.2060, 14.7600,
18.8560

 233.2810, 10.1750,
19.3510

 32.4940, 13.8890,
18.1210

 250.3040, 2.2000,
4.1840

 14.2550, 13.0640,
16.5520

 0.0000, 0.0000,
0.0000

128.9290, 17.0980,
20.5380

128.9290, 17.0980,
20.5380

119.0810, 22.7820,
27.6620

138.7770, 11.4140,
13.4140

109.1190, 28.7870,
34.4750

148.7390, 5.4090,
6.6010

99.8580, 34.1960,
41.0760

158.0000, -0.0000,
0.0000

90.0100, 39.8800,
48.2000

167.9620, -6.0050,
-6.8130

80.0480, 45.8850,
55.0130

177.8100,
-11.6890, -13.9370

70.2000, 51.5690,
62.1370


187.6580,
-17.3730, -21.0610

60.2380, 57.5740,
68.9500

197.6200,
-23.3780, -27.8740

206.8810,

-28.7870, -34.4750

 216.7290,
-34.4710, -41.5990

Harmonies

Analogous

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



127.9140, -4.9090, 17.3870



128.9290, 17.0980, 20.5380



128.1340, 32.4580, 17.4980

Triad

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



128.9290, 17.0980, 20.5380



123.4580, 21.5970, -11.4510



111.0880, -59.3260, -15.1500

Complementary

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



128.9290, 17.0980, 20.5380



140.0710, -17.0980, -20.5380

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.



113.0540, -44.7910, -19.7590



128.9290, 17.0980, 20.5380



121.0040, 2.2040, -17.9240

Square

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



128.9290, 17.0980, 20.5380



125.7850, 34.1580, -2.3060



117.3310, -20.7660, -20.1420



116.5440, -51.4420, -3.8420

Rectangle

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



128.9290, 17.0980, 20.5380



127.3100, 37.5940, 12.5220



117.3310, -20.7660, -20.1420



111.1760, -56.7580, -17.6380

Sweetspot

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



128.9290, 17.0980, 20.5380



195.1630, 7.1510, 8.0710



120.2450, -7.3390, 17.3730



97.5000, 4.5840, 5.0320



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



128.9290, 17.0980, 20.5380



160.5810, 27.3660, 32.6940



126.3070, 24.4810, 13.3850



74.0760, 2.8420, 3.5620



54.4990, 52.1650, 62.3490



5.7390, 5.4090, 6.6010

Inverse Universe

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



128.9290, 17.0980, 20.5380



160.5810, 27.3660, 32.6940



142.6930, -24.4810, -13.3850



74.0760, 2.8420, 3.5620



54.4990, 52.1650, 62.3490



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 128.9290, 17.0980, 20.5380 looks on a white background.

Color Contrast Check

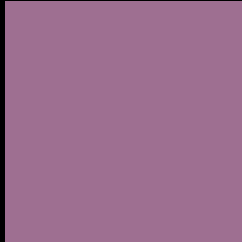
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.9290, 17.0980, 20.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

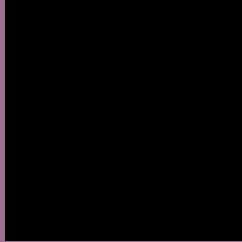
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.9290, 17.0980, 20.5380

Background



This preview shows how black text looks on a background with the YIQ color 128.9290, 17.0980, 20.5380.



This preview shows how white text looks on a background with the YIQ color 128.9290, 17.0980,

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

128.9290, 17.0980, 20.5380

Protanopia

126.5120, -12.8850, 7.7470

Deuteranopia

127.3730, -2.2480, 7.7040



Tritanopia

127.9860, 20.9510, 11.2790

Trichromacy



Original Color

128.9290, 17.0980, 20.5380

Protanomaly

127.4210, -2.2030, 12.3970

Deuteranomaly

128.1290, 4.4910, 12.2270

Tritanomaly

128.6100, 19.2540, 14.5020

Monochromacy



Original Color

128.9290, 17.0980, 20.5380

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8640, 6.5550, 7.8590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.9290, 17.0980, 20.5380 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(158, 111, 145)` looks like.

```
.text, #text, p{  
    color:rgb(158, 111, 145)  
}
```

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(158, 111, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 111, 145) }
```

Border

The CSS property to change the border of an element to YIQ 128.9290, 17.0980, 20.5380 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(158, 111, 145) }
```


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

```
.border{ border-color:rgb(158, 111, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 111, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 111, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 111, 145);  
box-shadow:4px 4px 4px 4px rgb(158, 111,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 128.9290, 17.0980, 20.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 111, 145) }
```

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

```
.background{ background-color: rgb(158,  
111, 145) }
```

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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