

Converting Colors

YIQ(122.5610, 20.9500, 16.8060)

Have a look what the booklet for
YIQ(122.5610, 20.9500, 16.8060)
contains.

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Color

**YIQ(122.5610, 20.9500,
16.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	996A80
RGB	153, 106, 128
RGB Percent	60%, 42%, 50%
CMY	0.3999, 0.5844, 0.4980
CMYK	0.00, 0.31, 0.16, 0.40
HSL	332°, 19%, 51%
HSV	332°, 31%, 60%
XYZ	22.1923, 18.6384, 22.8558
YIQ	122.5610, 20.9500, 16.8060

Conversions

Conversions Part 2

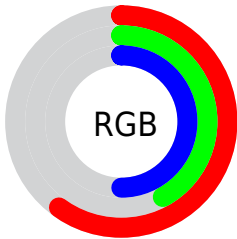
Format	Color
R_{YB}	153, 106, 128
Decimal	10054272
CIE _{Lab}	50.26, 22.28, -4.62
CIE _{LCh}	50, 22.751, 348.289
Yxy	18.6384, 0.3485, 0.2927
Android (android.graphics.Color)	4288244352 (0xFF996A80)
YUV	122.5610, 2.6814, 26.6950
Hunter-Lab	43.1722, 16.2051, -1.1682

Details

The YIQ color **122.5610, 20.9500, 16.8060** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **136.4390, -20.9500, -16.8060**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.5720, 22.4170, 17.7530**, and **73.2510, 18.8870, 15.6470** is the 20% darker color. If you saturate the color by 10%, you get **112.8440, 27.6430, 22.1630**, and if you desaturate by 10%, it is **132.2780, 14.2570, 11.4490**.

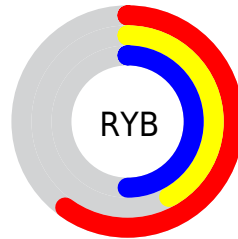
Distribution



Red (60%)

Green (42%)

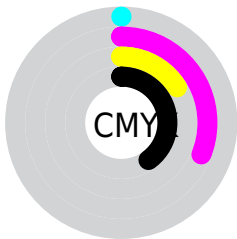
Blue (50%)



Red (60%)

Yellow (42%)

Blue (50%)

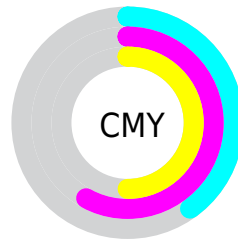


Cyan (0%)

Magenta (31%)

Yellow (16%)

Black (40%)



Cyan (40%)

Magenta (58%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.5610, 20.9500, 16.8060 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 122.5610, 20.9500, 16.8060 by changing the saturation by 10% instead.

122.5610, 20.9500,
16.8060

122.5610, 20.9500,
16.8060

255.0000, -0.0000,
-0.0000

97.2620, 20.3540,
16.5940

175.5720, 22.4170,
17.7530

73.2510, 18.8870,
15.6470

203.1700, 23.6090,
18.1770

49.6530, 17.6950,
15.2230

228.2940, 17.3280,
16.3680

27.4680, 16.7780,
15.3220

246.7820, 3.8500,
7.3220

11.6480, 16.0910,
11.2510

0.0000, 0.0000,
0.0000

■ 122.5610, 20.9500,
16.8060

■ 122.5610, 20.9500,
16.8060

■ 112.8440, 27.6430,
22.1630

■ 132.2780, 14.2570,
11.4490

■ 102.5400, 34.6110,
28.0430

■ 142.5820, 7.2890,
5.5690

■ 92.8230, 41.3040,
33.4000

■ 152.2990, 0.5960,
0.2120

■ 82.9920, 48.3180,
38.4460

■ 162.1300, -6.4180,
-4.8340

■ 72.6880, 55.2860,
44.3260

■ 172.4340,
-13.3860, -10.7140

■ 62.9710, 61.9790,
49.6830


■ 182.1510,
-20.0790, -16.0710

■ 53.9550, 68.0760,
54.8280

■ 191.8680,
-26.7720, -21.4280

■ 201.5850,

-33.4650, -26.7850

 211.8890,
-40.4330, -32.6650

Harmonies

Analogous

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



122.6500, 4.5820, 16.0860



122.5610, 20.9500, 16.8060



122.0750, 30.9460, 11.8580

Triad

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



122.5610, 20.9500, 16.8060



117.2550, 11.9230, -12.3410



110.5460, -45.7560, -7.7720

Complementary

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



122.5610, 20.9500, 16.8060



136.4390, -20.9500, -16.8060

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.



109.1840, -42.0410, -14.5290



122.5610, 20.9500, 16.8060



114.7520, -5.7740, -16.5100

Square

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



122.5610, 20.9500, 16.8060



119.3000, 25.2180, -5.4860



111.9870, -25.4890, -17.1450



115.5030, -35.0290, 1.5710

Rectangle

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



122.5610, 20.9500, 16.8060



121.0980, 32.1390, 6.7550



111.9870, -25.4890, -17.1450



109.6660, -46.2140, -10.4860

Sweetspot

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



122.5610, 20.9500, 16.8060



187.2940, 8.1600, 6.3040



118.5340, -0.7830, 19.7050



92.5600, 4.3550, 3.6750



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



122.5610, 20.9500, 16.8060



151.1160, 32.8690, 26.5730



120.6400, 27.7370, 9.4410



71.7340, 3.8050, 2.6290



49.3840, 62.2540, 50.2060



4.5710, 5.8220, 4.6220

Inverse Universe

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



122.5610, 20.9500, 16.8060



151.1160, 32.8690, 26.5730



138.3600, -27.7370, -9.4410



71.7340, 3.8050, 2.6290



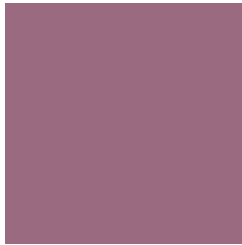
49.3840, 62.2540, 50.2060



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 122.5610, 20.9500, 16.8060 looks on a white background.

Color Contrast Check

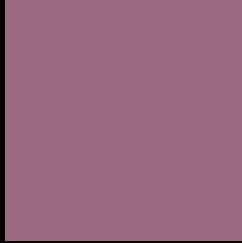
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.5610, 20.9500, 16.8060 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 122.5610, 20.9500, 16.8060

Background



This preview shows how black text looks on a background with the YIQ color 122.5610, 20.9500, 16.8060.



This preview shows how white text looks on a background with the YIQ color 122.5610, 20.9500,

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

122.5610, 20.9500, 16.8060

Protanopia

120.3400, -6.6490, 4.8630

Deuteranopia

121.0270, 4.5380, 5.8660



Tritanopia

122.0680, 23.6560, 11.8160

Trichromacy



Original Color

122.5610, 20.9500, 16.8060

Protanomaly

120.9500, 3.4370, 9.3010

Deuteranomaly

121.4840, 10.6810, 10.1770

Tritanomaly

121.9370, 22.6470, 13.5830

Monochromacy



Original Color

122.5610, 20.9500, 16.8060

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9950, 7.5640, 6.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.5610, 20.9500, 16.8060 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(153, 106, 128)` looks like.

```
.text, #text, p{  
    color:rgb(153, 106, 128)  
}
```

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(153, 106, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 106, 128) }
```

Border

The CSS property to change the border of an element to YIQ 122.5610, 20.9500, 16.8060 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(153, 106, 128) }
```


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

```
.border{ border-color:rgb(153, 106, 128) }
```

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

Here you see how a box with a 4 pixel rgb(153, 106, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 106, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 106, 128);  
box-shadow:4px 4px 4px 4px rgb(153, 106,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 122.5610, 20.9500, 16.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 106, 128) }
```

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

```
.background{ background-color: rgb(153,  
106, 128) }
```

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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