

Converting Colors

YIQ(128.9500, 12.6050, 19.3650)

Have a look what the booklet for
YIQ(128.9500, 12.6050, 19.3650)
contains.

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Color

**YIQ(128.9500, 12.6050,
19.3650)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 997194 |
| RGB | 153, 113, 148 |
| RGB Percent | 60%, 44%, 58% |
| CMY | 0.3999, 0.5569, 0.4196 |
| CMYK | 0.00, 0.26, 0.03, 0.40 |
| HSL | 308°, 16%, 52% |
| HSV | 308°, 26%, 60% |
| XYZ | 24.3915, 20.7200, 30.7332 |
| YIQ | 128.9500, 12.6050, 19.3650 |

Conversions

Conversions Part 2

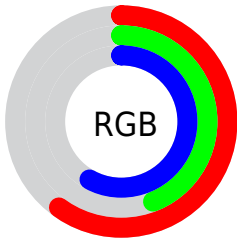
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 153, 113, 148 |
| Decimal | 10056084 |
| CIE _{Lab} | 52.64, 21.87, -12.85 |
| CIE _{LCh} | 53, 25.363, 329.570 |
| Yxy | 20.7200, 0.3216, 0.2732 |
| Android (android.graphics.Color) | 4288246164 (0xFF997194) |
| YUV | 128.9500, 9.3917, 21.0919 |
| Hunter-Lab | 45.5193, 15.9906, -8.1673 |

Details

The YIQ color **128.9500, 12.6050, 19.3650** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.0500, -12.6050, -19.3650**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0750, 13.7510, 20.6230**, and **78.8250, 11.4590, 18.1070** is the 20% darker color. If you saturate the color by 10%, you get **119.9170, 17.3720, 26.5880**, and if you desaturate by 10%, it is **137.9830, 7.8380, 12.1420**.

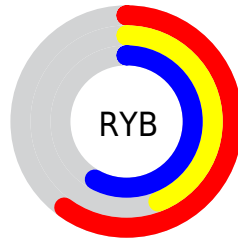
Distribution



Red (60%)

Green (44%)

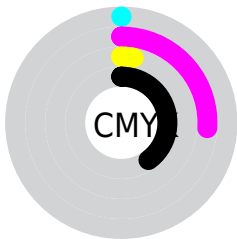
Blue (58%)



Red (60%)

Yellow (44%)

Blue (58%)

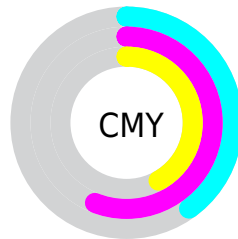


Cyan (0%)

Magenta (26%)

Yellow (3%)

Black (40%)



Cyan (40%)

Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.9500, 12.6050, 19.3650 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 128.9500, 12.6050, 19.3650 by changing the saturation by 10% instead.

128.9500, 12.6050,
19.3650

128.9500, 12.6050,
19.3650

255.0000, -0.0000,
-0.0000

103.5370, 12.3300,
18.8420

182.0750, 13.7510,
20.6230

78.8250, 11.4590,
18.1070

209.4880, 14.0260,
21.1460

55.9990, 10.9090,
17.0610

234.4550, 9.6250,
18.3050

33.4010, 9.7170,
16.6370

251.4780, 1.6500,
3.1380

13.5860, 10.6340,
16.5380

0.0000, 0.0000,
0.0000

128.9500, 12.6050,
19.3650

128.9500, 12.6050,
19.3650

119.9170, 17.3720,
26.5880

137.9830, 7.8380,
12.1420

110.2970, 22.4140,
34.3340

147.6030, 2.7960,
4.3960

101.2640, 27.1810,
41.5570

156.6360, -1.9710,
-2.8270

92.2310, 31.9480,
48.7800

165.6690, -6.7380,
-10.0500

82.6110, 36.9900,
56.5260

175.2890,
-11.7800, -17.7960

73.5780, 41.7570,
63.7490

184.3220,
-16.5470, -25.0190

64.6590, 46.2030,
71.2830


193.2410,
-20.9930, -32.5530

61.0230, 48.1740,

202.2740,

74.1100

-25.7600, -39.7760

 211.8940,
-30.8020, -47.5220

Harmonies

Analogous

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



127.2940, -9.0350, 15.0690



128.9500, 12.6050, 19.3650



128.3940, 28.7900, 17.8940

Triad

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



128.9500, 12.6050, 19.3650



124.2950, 23.6140, -9.4580



112.9100, -52.9530, -15.0090

Complementary

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



128.9500, 12.6050, 19.3650



137.0500, -12.6050, -19.3650

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.



115.5880, -37.5470, -18.8830



128.9500, 12.6050, 19.3650



122.0970, 6.3760, -16.4400

Square

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



128.9500, 12.6050, 19.3650



126.3660, 34.0200, 0.1960



118.7940, -14.7600, -18.8560



116.6750, -50.4330, -5.6090

Rectangle

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



128.9500, 12.6050, 19.3650



127.8690, 34.5220, 13.1300



118.7940, -14.7600, -18.8560



112.7100, -49.5140, -16.7620

Sweetspot

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



128.9500, 12.6050, 19.3650



189.3800, 5.0420, 7.7460



119.0550, -9.8600, 13.5000



93.6030, 2.7960, 4.3960



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.



128.9500, 12.6050, 19.3650



161.6940, 19.6180, 29.9380



126.6700, 19.0250, 13.1450



72.1900, 2.5210, 3.8730



55.8820, 43.9570, 67.9330



5.1410, 4.2170, 6.1770

Inverse Universe

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



128.9500, 12.6050, 19.3650



161.6940, 19.6180, 29.9380



139.3300, -19.0250, -13.1450



72.1900, 2.5210, 3.8730



55.8820, 43.9570, 67.9330



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 128.9500, 12.6050, 19.3650 looks on a white background.

Color Contrast Check

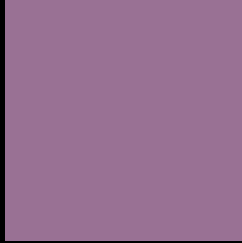
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.9500, 12.6050, 19.3650 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 128.9500, 12.6050, 19.3650

Background



This preview shows how black text looks on a background with the YIQ color 128.9500, 12.6050, 19.3650.



This preview shows how white text looks on a background with the YIQ color 128.9500, 12.6050,

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

128.9500, 12.6050, 19.3650

Protanopia

126.7400, -13.5270, 8.3690

Deuteranopia

127.1170, -4.4030, 8.2130



Tritanopia

127.8930, 16.7790, 9.7950

Trichromacy



Original Color

128.9500, 12.6050, 19.3650

Protanomaly

127.6380, -4.3120, 12.0720

Deuteranomaly

127.5740, 1.7400, 12.5240

Tritanomaly

128.5170, 15.0820, 13.0180

Monochromacy



Original Color

128.9500, 12.6050, 19.3650

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9670, 4.7670, 7.2230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.9500, 12.6050, 19.3650 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, 113, 148)` looks like.

```
.text, #text, p{  
    color:rgb(153, 113, 148)  
}
```

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, 113, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 113, 148) }
```

Border

The CSS property to change the border of an element to YIQ 128.9500, 12.6050, 19.3650 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, 113, 148) }
```


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

```
.border{ border-color:rgb(153, 113, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 113, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 113, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 113, 148);  
box-shadow:4px 4px 4px 4px rgb(153, 113,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 128.9500, 12.6050, 19.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 113, 148) }
```

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

```
.background{ background-color: rgb(153,  
113, 148) }
```

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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