

Converting Colors

YIQ(130.2170, 16.2270, 19.8030)

Have a look what the booklet for
YIQ(130.2170, 16.2270, 19.8030)
contains.

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Color

**YIQ(130.2170, 16.2270,
19.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7192
RGB	158, 113, 146
RGB Percent	62%, 44%, 57%
CMY	0.3803, 0.5569, 0.4274
CMYK	0.00, 0.29, 0.08, 0.38
HSL	316°, 19%, 53%
HSV	316°, 29%, 62%
XYZ	25.1991, 21.1541, 29.9532
YIQ	130.2170, 16.2270, 19.8030

Conversions

Conversions Part 2

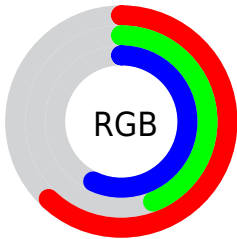
Format	Color
R_{YB}	158, 113, 146
Decimal	10383762
CIE _{Lab}	53.12, 23.29, -10.91
CIE _{LCh}	53, 25.713, 334.905
Yxy	21.1541, 0.3302, 0.2772
Android (android.graphics.Color)	4288573842 (0xFF9E7192)
YUV	130.2170, 7.7810, 24.3657
Hunter-Lab	45.9936, 17.3082, -6.4169

Details

The YIQ color **130.2170, 16.2270, 19.8030** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.7830, -16.2270, -19.8030**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.3420, 17.3730, 21.0610**, and **80.0920, 15.0810, 18.5450** is the 20% darker color. If you saturate the color by 10%, you get **120.3690, 21.9110, 26.9270**, and if you desaturate by 10%, it is **140.0650, 10.5430, 12.6790**.

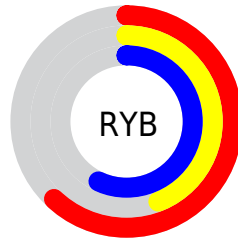
Distribution



Red (62%)

Green (44%)

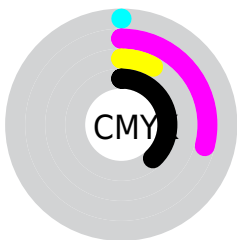
Blue (57%)



Red (62%)

Yellow (44%)

Blue (57%)

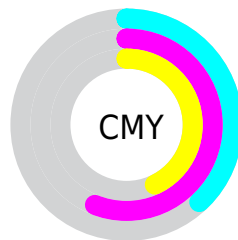


Cyan (0%)

Magenta (29%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (56%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.2170, 16.2270, 19.8030 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 130.2170, 16.2270, 19.8030 by changing the saturation by 10% instead.

130.2170, 16.2270,
19.8030

130.2170, 16.2270,
19.8030

255.0000, -0.0000,
-0.0000

104.8040, 15.9520,
19.2800

183.3420, 17.3730,
21.0610

80.0920, 15.0810,
18.5450

211.6410, 17.9690,
21.2730

56.4940, 13.8890,
18.1210

235.0420, 9.3500,
17.7820

33.7820, 13.0180,
17.3860

251.4780, 1.6500,
3.1380

13.9560, 12.4680,
16.3400

0.0000, 0.0000,
0.0000

130.2170, 16.2270,
19.8030

130.2170, 16.2270,
19.8030

120.3690, 21.9110,
26.9270

140.0650, 10.5430,
12.6790

110.5210, 27.5950,
34.0510

149.9130, 4.8590,
5.5550

101.1460, 33.3250,
40.3410

159.2880, -0.8710,
-0.7350

91.2980, 39.0090,
47.4650

169.1360, -6.5550,
-7.8590

81.4500, 44.6930,
54.5890

178.9840,
-12.2390, -14.9830

71.6020, 50.3770,
61.7130

188.8320,
-17.9230, -22.1070

61.6400, 56.3820,
68.5260


198.7940,
-23.9280, -28.9200

60.4660, 56.9320,

208.0550,

69.5720

-29.3370, -35.5210

 217.9030,
-35.0210, -42.6450

Harmonies

Analogous

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



129.3870, -4.8630, 16.5530



130.2170, 16.2270, 19.8030



129.5360, 31.2660, 17.0740

Triad

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



130.2170, 16.2270, 19.8030



125.5720, 21.2760, -11.1400



113.7680, -55.4290, -14.1890

Complementary

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



130.2170, 16.2270, 19.8030



140.7830, -16.2270, -19.8030

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.



115.5490, -41.8110, -18.6990



130.2170, 16.2270, 19.8030



122.7160, 3.0750, -17.1890

Square

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



130.2170, 16.2270, 19.8030



127.0130, 33.5160, -1.6840



119.2280, -18.9780, -19.5060



118.5120, -48.4160, -3.6160

Rectangle

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



130.2170, 16.2270, 19.8030



128.7120, 36.4020, 12.0980



119.2280, -18.9780, -19.5060



113.9700, -53.1820, -16.3660

Sweetspot

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



130.2170, 16.2270, 19.8030



195.2770, 6.8300, 8.3820



121.7180, -7.2930, 16.5390



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.



130.2170, 16.2270, 19.8030



163.1570, 25.6240, 31.2240



127.5950, 23.6100, 12.6500



74.0760, 2.8420, 3.5620



54.7270, 51.5230, 62.9710



5.7390, 5.4090, 6.6010

Inverse Universe

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



130.2170, 16.2270, 19.8030



163.1570, 25.6240, 31.2240



143.4050, -23.6100, -12.6500



74.0760, 2.8420, 3.5620



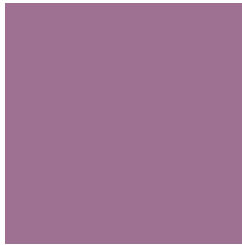
54.7270, 51.5230, 62.9710



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 130.2170, 16.2270, 19.8030 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 130.2170, 16.2270, 19.8030 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 130.2170, 16.2270, 19.8030

Background



This preview shows how black text looks on a background with the YIQ color 130.2170, 16.2270, 19.8030.



This preview shows how white text looks on a background with the YIQ color 130.2170, 16.2270,

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

130.2170, 16.2270, 19.8030

Protanopia

127.8110, -12.2890, 7.9590

Deuteranopia

128.6720, -1.6520, 7.9160



Tritanopia

129.3880, 19.7590, 10.8550

Trichromacy



Original Color

130.2170, 16.2270, 19.8030

Protanomaly

128.4210, -2.2030, 12.3970

Deuteranomaly

129.1290, 4.4910, 12.2270

Tritanomaly

129.8980, 18.3830, 13.7670

Monochromacy



Original Color

130.2170, 16.2270, 19.8030

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.1520, 5.6840, 7.1240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.2170, 16.2270, 19.8030 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, 113, 146)` looks like.

```
.text, #text, p{  
    color:rgb(158, 113, 146)  
}
```

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, 113, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 113, 146) }
```

Border

The CSS property to change the border of an element to YIQ 130.2170, 16.2270, 19.8030 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, 113, 146) }
```


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

```
.border{ border-color:rgb(158, 113, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 113, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 113, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 113, 146);  
box-shadow:4px 4px 4px 4px rgb(158, 113,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 130.2170, 16.2270, 19.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 113, 146) }
```

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

```
.background{ background-color: rgb(158,  
113, 146) }
```

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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