

Converting Colors

YIQ(120.2910, 13.3830, 27.2950)

Have a look what the booklet for
YIQ(120.2910, 13.3830, 27.2950)
contains.

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Color

**YIQ(120.2910, 13.3830,
27.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	966398
RGB	150, 99, 152
RGB Percent	59%, 39%, 60%
CMY	0.4116, 0.6118, 0.4039
CMYK	0.01, 0.35, 0.00, 0.40
HSL	298°, 21%, 49%
HSV	298°, 35%, 60%
XYZ	22.7125, 17.6745, 31.9215
YIQ	120.2910, 13.3830, 27.2950

Conversions

Conversions Part 2

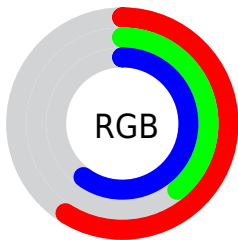
Format	Color
R_{YB}	150, 99, 152
Decimal	9855896
CIE _{Lab}	49.10, 29.68, -20.62
CIE _{LCh}	49, 36.138, 325.202
Yxy	17.6745, 0.3141, 0.2444
Android (android.graphics.Color)	4288045976 (0xFF966398)
YUV	120.2910, 15.6325, 26.0548
Hunter-Lab	42.0411, 22.8620, -15.5898

Details

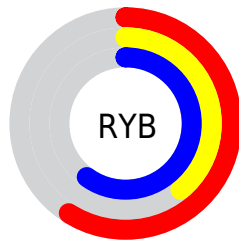
The YIQ color **120.2910, 13.3830, 27.2950** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.7090, -13.3830, -27.2950**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.4160, 14.5290, 28.5530**, and **70.7530, 11.9620, 25.5140** is the 20% darker color. If you saturate the color by 10%, you get **111.1870, 16.9120, 34.9280**, and if you desaturate by 10%, it is **129.3950, 9.8540, 19.6620**.

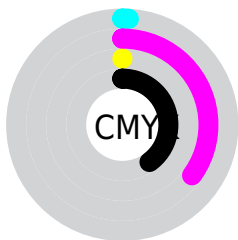
Distribution



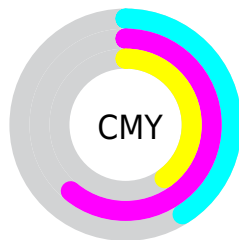
- Red (59%)
- Green (39%)
- Blue (60%)



- Red (59%)
- Yellow (39%)
- Blue (60%)



- Cyan (1%)
- Magenta (35%)
- Yellow (0%)
- Black (40%)



- Cyan (41%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.2910, 13.3830, 27.2950 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 120.2910, 13.3830, 27.2950 by changing the saturation by 10% instead.

120.2910, 13.3830,
27.2950

120.2910, 13.3830,
27.2950

255.0000, -0.0000,
-0.0000

94.8780, 13.1080,
26.7720

173.4160, 14.5290,
28.5530

70.7530, 11.9620,
25.5140

201.2420, 15.0790,
29.5990

47.0410, 11.0910,
24.7790

225.6500, 13.7500,
26.1500

23.1550, 10.7700,
25.0900

242.6730, 5.7750,
10.9830

13.0310, 7.8830,
16.8350

0.4560, -1.2840,
1.2440

0.0000, 0.0000,

0.0000

120.2910, 13.3830,
27.2950

120.2910, 13.3830,
27.2950

111.1870, 16.9120,
34.9280

129.3950, 9.8540,
19.6620

102.3820, 21.0370,
42.7730

138.2000, 5.7290,
11.8170

92.6910, 24.8410,
50.9290

147.8910, 1.9250,
3.6610

83.8860, 28.9660,
58.7740

156.6960, -2.2000,
-4.1840

74.7820, 32.4950,
66.4070

165.8000, -5.7290,
-11.8170

65.9770, 36.6200,
74.2520

174.6050, -9.8540,
-19.6620

■ 60.9820, 38.2240,
78.2240

■ 183.7090,
-13.3830, -27.2950

■ 193.4000,
-17.1870, -35.4510

■ 202.2050,
-21.3120, -43.2960

Harmonies

Analogous

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



118.2530, -18.9850, 19.1830



120.2910, 13.3830, 27.2950



119.1550, 37.1330, 26.3890

Triad

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



120.2910, 13.3830, 27.2950



114.3470, 35.0310, -12.6250



93.6720, -81.8820, -24.8740

Complementary

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



120.2910, 13.3830, 27.2950



130.7090, -13.3830, -27.2950

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.



90.4370, -71.3350, -34.3030



120.2910, 13.3830, 27.2950



111.5180, 12.2000, -22.8720

Square

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



120.2910, 13.3830, 27.2950



115.9500, 46.9950, 1.8350



106.4850, -18.5640, -27.0120



94.6470, -88.7610, -15.8410

Rectangle

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



120.2910, 13.3830, 27.2950



117.9570, 46.2580, 20.7060



106.4850, -18.5640, -27.0120



92.5320, -78.6720, -27.9840

Sweetspot

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



120.2910, 13.3830, 27.2950



184.8470, 5.2250, 9.9370



106.8030, -17.8380, 14.9140



92.5430, 3.0250, 5.7530



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.



120.2910, 13.3830, 27.2950



146.9690, 20.7620, 42.2500



118.1530, 22.2790, 20.2550



72.0050, 1.6040, 3.9720



56.3250, 35.5200, 72.1600



5.0700, 2.9790, 6.5870

Inverse Universe

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



115.0750, 30.9460, 11.8580



138.8600, 47.9090, 18.3170



132.8470, -22.2790, -20.2550



71.3920, 4.7680, 1.6960



42.4300, 81.8350, 31.2350



3.8870, 7.7480, 2.7560

Previews

White Background



This preview shows how the YIQ color 120.2910, 13.3830, 27.2950 looks on a white 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

Black Background



This preview shows how the YIQ color 120.2910, 13.3830, 27.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

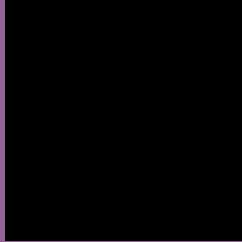
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.2910, 13.3830, 27.2950

Background



This preview shows how black text looks on a background with the YIQ color 120.2910, 13.3830, 27.2950.



This preview shows how white text looks on a background with the YIQ color 120.2910, 13.3830,

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

120.2910, 13.3830, 27.2950

Protanopia

116.6990, -23.4770, 12.4830

Deuteranopia

117.9790, -12.7020, 9.9380



Tritanopia

119.2740, 20.0800, 10.5440

Trichromacy



Original Color

120.2910, 13.3830, 27.2950

Protanomaly

117.8040, -10.4110, 17.9810

Deuteranomaly

118.7570, -3.0290, 16.3550

Tritanomaly

119.5930, 17.9240, 16.5800

Monochromacy



Original Color

120.2910, 13.3830, 27.2950

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9610, 4.9040, 10.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.2910, 13.3830, 27.2950 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(150, 99, 152)` looks like.

```
.text, #text, p{  
    color:rgb(150, 99, 152)  
}
```

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(150, 99, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 99, 152) }
```

Border

The CSS property to change the border of an element to YIQ 120.2910, 13.3830, 27.2950 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(150, 99, 152) }
```


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

```
.border{ border-color:rgb(150, 99, 152) }
```

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

Here you see how a box with a 4 pixel rgb(150, 99, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 99, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 99, 152);  
box-shadow:4px 4px 4px 4px rgb(150, 99,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 120.2910, 13.3830, 27.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 99, 152) }
```

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

```
.background{ background-color: rgb(150, 99,  
152) }
```

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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