

Converting Colors

YIQ(120.0950, 1.8310, 16.3830)

Have a look what the booklet for
YIQ(120.0950, 1.8310, 16.3830)
contains.

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Color

**YIQ(120.0950, 1.8310,
16.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	846D92
RGB	132, 109, 146
RGB Percent	52%, 43%, 57%
CMY	0.4823, 0.5726, 0.4275
CMYK	0.10, 0.25, 0.00, 0.43
HSL	277°, 15%, 50%
HSV	277°, 25%, 57%
XYZ	20.1743, 17.9175, 29.5870
YIQ	120.0950, 1.8310, 16.3830

Conversions

Conversions Part 2

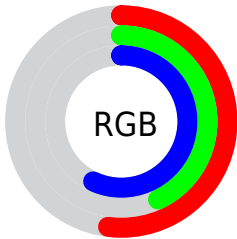
Format	Color
R_{YB}	132, 109, 146
Decimal	8678802
CIE _{Lab}	49.40, 16.38, -16.79
CIE _{LCh}	49, 23.455, 314.287
Yxy	17.9175, 0.2981, 0.2647
Android (android.graphics.Color)	4286868882 (0xFF846D92)
YUV	120.0950, 12.7712, 10.4407
Hunter-Lab	42.3291, 10.9983, -11.8119

Details

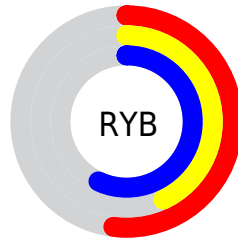
The YIQ color **120.0950, 1.8310, 16.3830** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134.9050, -1.8310, -16.3830**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.6220, 1.7850, 17.2170**, and **71.1550, 1.6020, 15.0260** is the 20% darker color. If you saturate the color by 10%, you get **109.7950, 2.9760, 23.1680**, and if you desaturate by 10%, it is **130.6940, 1.2820, 9.8100**.

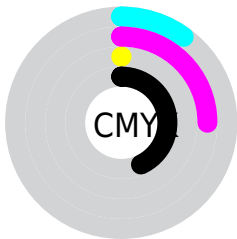
Distribution



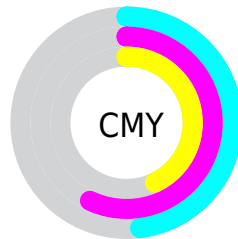
- Red (52%)
- Green (43%)
- Blue (57%)



- Red (52%)
- Yellow (43%)
- Blue (57%)



- Cyan (10%)
- Magenta (25%)
- Yellow (0%)
- Black (43%)



- Cyan (48%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.0950, 1.8310, 16.3830 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 120.0950, 1.8310, 16.3830 by changing the saturation by 10% instead.

■ 120.0950, 1.8310,
16.3830

■ 120.0950, 1.8310,
16.3830

■ 255.0000, -0.0000,
-0.0000

■ 95.5680, 1.8770,
15.5490

■ 172.6220, 1.7850,
17.2170

■ 71.1550, 1.6020,
15.0260

■ 200.0350, 2.0600,
17.7400

■ 48.7420, 1.3270,
14.5030

■ 227.6330, 3.2520,
18.1640

■ 26.9160, 0.7770,
13.4570

■ 248.5430, 3.0250,
5.7530

■ 7.9760, 0.5480,
12.1000

■ 0.0000, 0.0000,
0.0000

120.0950, 1.8310,
16.3830

120.0950, 1.8310,
16.3830

109.7950, 2.9760,
23.1680

130.6940, 1.2820,
9.8100

99.7830, 3.2500,
29.2180

140.4070, 0.4120,
3.5480

89.1840, 3.7990,
35.7910

151.0060, -0.1370,
-3.0250

79.4710, 4.6690,
42.0530

160.7190, -1.0070,
-9.2870

68.8720, 5.2180,
48.6260

171.3180, -1.5560,
-15.8600

58.5720, 6.3630,
55.4110

181.6180, -2.7010,
-22.6450

48.5600, 6.6370,
61.4610

191.6300, -2.9750,
-28.6950

43.8530, 7.3700,

201.9300, -4.1200,

64.6980

-35.4800

 211.9420, -4.3940,
-41.5300

Harmonies

Analogous

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



117.2710, -19.3960, 10.1080



120.0950, 1.8310, 16.3830



120.6040, 19.3910, 17.5270

Triad

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



120.0950, 1.8310, 16.3830



117.4960, 27.6020, -4.6380



106.6570, -41.9950, -15.3630

Complementary

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



120.0950, 1.8310, 16.3830



134.9050, -1.8310, -16.3830

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.



109.9440, -23.9300, -17.8660



120.0950, 1.8310, 16.3830



115.3370, 14.6280, -11.8040

Square

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



120.0950, 1.8310, 16.3830



118.3430, 32.8270, 5.2990



112.4210, -3.3440, -16.4960



107.2250, -49.2860, -9.8780

Rectangle

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



120.0950, 1.8310, 16.3830



119.6280, 28.0110, 15.4910



112.4210, -3.3440, -16.4960



107.3540, -36.7680, -16.4800

Sweetspot

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



120.0950, 1.8310, 16.3830



178.4010, 0.5490, 6.5730



121.4360, -15.7270, 4.1850



87.8200, 0.6870, 4.0710



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



120.0950, 1.8310, 16.3830



148.9630, 2.5630, 25.1470



123.8250, 11.4590, 18.1070



68.9940, 0.1370, 3.0250



41.4460, 6.9580, 61.1500



2.9340, 0.3660, 4.3820

Inverse Universe

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



121.6590, 17.5580, 12.1980



151.4370, 27.2310, 18.6150



131.1750, -11.4590, -18.1070



69.3210, 3.5300, 2.1060



47.1900, 65.5560, 45.4280



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 120.0950, 1.8310, 16.3830 looks on a white background.

Color Contrast Check

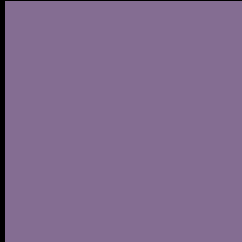
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.0950, 1.8310, 16.3830 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 120.0950, 1.8310, 16.3830

Background



This preview shows how black text looks on a background with the YIQ color 120.0950, 1.8310, 16.3830.



This preview shows how white text looks on a background with the YIQ color 120.0950, 1.8310,

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

120.0950, 1.8310, 16.3830

Protanopia

117.8970, -15.4070, 9.4010

Deuteranopia

118.4200, -9.6300, 9.3300



Tritanopia

118.5110, 6.0510, 5.9790

Trichromacy



Original Color

120.0950, 1.8310, 16.3830

Protanomaly

118.3000, -9.1720, 12.0440

Deuteranomaly

119.0400, -5.5040, 11.6480

Tritanomaly

119.2490, 4.0330, 9.5130

Monochromacy



Original Color

120.0950, 1.8310, 16.3830

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8740, 0.5950, 5.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.0950, 1.8310, 16.3830 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(132, 109, 146)` looks like.

```
.text, #text, p{  
    color:rgb(132, 109, 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(132, 109, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 109, 146) }
```

Border

The CSS property to change the border of an element to YIQ 120.0950, 1.8310, 16.3830 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(132, 109, 146) }
```


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

```
.border{ border-color:rgb(132, 109, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 109, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 109, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 109, 146);  
box-shadow:4px 4px 4px 4px rgb(132, 109,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 120.0950, 1.8310, 16.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 109, 146) }
```

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

```
.background{ background-color: rgb(132,  
109, 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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