

Converting Colors

YIQ(120.0470, 1.7860, 11.6900)

Have a look what the booklet for
YIQ(120.0470, 1.7860, 11.6900)
contains.

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Color

**YIQ(120.0470, 1.7860,
11.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	81708A
RGB	129, 112, 138
RGB Percent	51%, 44%, 54%
CMY	0.4941, 0.5608, 0.4588
CMYK	0.07, 0.19, 0.00, 0.46
HSL	279°, 10%, 49%
HSV	279°, 19%, 54%
XYZ	19.4360, 18.0899, 26.5108
YIQ	120.0470, 1.7860, 11.6900

Conversions

Conversions Part 2

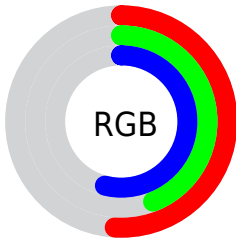
Format	Color
RYB	129, 112, 138
Decimal	8482954
CIELab	49.60, 11.79, -11.78
CIElCh	50, 16.665, 315.044
Yxy	18.0899, 0.3035, 0.2825
Android (android.graphics.Color)	4286673034 (0xFF81708A)
YUV	120.0470, 8.8508, 7.8518
Hunter-Lab	42.5322, 7.1381, -7.1835

Details

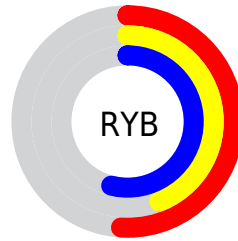
The YIQ color $120.0470, 1.7860, 11.6900$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $129.9530, -1.7860, -11.6900$, and the grayscale version is $120.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $172.4600, 2.0610, 12.2130$, and $71.5200, 1.8320, 10.8560$ is the 20% darker color. If you saturate the color by 10%, you get $110.3340, 2.6560, 17.9520$, and if you desaturate by 10%, it is $129.7600, 0.9160, 5.4280$.

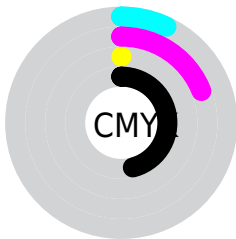
Distribution



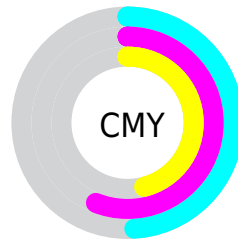
- Red (51%)
- Green (44%)
- Blue (54%)



- Red (51%)
- Yellow (44%)
- Blue (54%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.0470, 1.7860, 11.6900 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 120.0470, 1.7860, 11.6900 by changing the saturation by 10% instead.

■ 120.0470, 1.7860,
11.6900

■ 120.0470, 1.7860,
11.6900

■ 255.0000, -0.0000,
-0.0000

■ 95.6340, 1.5110,
11.1670

■ 172.4600, 2.0610,
12.2130

■ 71.5200, 1.8320,
10.8560

■ 199.8730, 2.3360,
12.7360

■ 48.8080, 0.9610,
10.1210

■ 227.9870, 2.0150,
13.0470

■ 27.6940, 1.2820,
9.8100

■ 250.3040, 2.2000,
4.1840

■ 6.5090, 0.3650,
9.9090

■ 0.0000, 0.0000,
0.0000

120.0470, 1.7860,
11.6900

120.0470, 1.7860,
11.6900

110.3340, 2.6560,
17.9520

129.7600, 0.9160,
5.4280

100.6210, 3.5260,
24.2140

139.4730, 0.0460,
-0.8340

91.7940, 4.7170,
30.1650

148.3000, -1.1450,
-6.7850

82.0810, 5.5870,
36.4270

158.0130, -2.0150,
-13.0470

72.3680, 6.4570,
42.6890

167.7260, -2.8850,
-19.3090

62.6550, 7.3270,
48.9510

177.4390, -3.7550,
-25.5710

53.2410, 8.7930,
55.4250

186.8530, -5.2210,
-32.0450

44.1150, 9.3880,

195.9790, -5.8160,

61.1640

-37.7840

■ 42.6420, 9.3420,
61.9980

■ 205.6920, -6.6860,
-44.0460

Harmonies

Analogous

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



118.3980, -12.5640, 7.4360



120.0470, 1.7860, 11.6900



120.8050, 14.2110, 12.2830

Triad

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



120.0470, 1.7860, 11.6900



118.2440, 19.6240, -3.2240



112.1320, -27.0950, -10.0630

Complementary

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



120.0470, 1.7860, 11.6900



129.9530, -1.7860, -11.6900

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.



113.4120, -16.3200, -12.6080



120.0470, 1.7860, 11.6900



116.4060, 10.1800, -8.2840

Square

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



120.0470, 1.7860, 11.6900



119.2110, 24.3910, 3.9990



114.7680, -2.7030, -11.5910



112.9130, -30.6720, -5.8080

Rectangle

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



120.0470, 1.7860, 11.6900



120.2740, 20.0800, 10.5440



114.7680, -2.7030, -11.5910



112.1600, -24.2980, -11.1940

Sweetspot

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



120.0470, 1.7860, 11.6900



171.3470, 0.6410, 4.9050



120.2470, -10.8210, 3.3790



84.8800, 0.4580, 2.7140



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



120.0470, 1.7860, 11.6900



149.8610, 2.6100, 18.7860



122.2820, 8.4340, 12.3540



63.9940, 0.1370, 3.0250



41.1750, 9.1590, 59.8070



1.4670, 0.1830, 2.1910

Inverse Universe

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



120.8000, 12.6070, 8.3110



151.2680, 20.2170, 13.5690



127.7180, -8.4340, -12.3540



64.3210, 3.5300, 2.1060



45.0110, 64.5020, 42.5020



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 120.0470, 1.7860, 11.6900 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 120.0470, 1.7860, 11.6900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

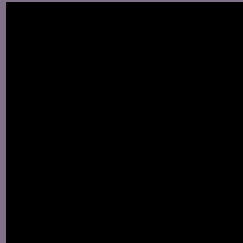
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.0470, 1.7860, 11.6900

Background



This preview shows how black text looks on a background with the YIQ color 120.0470, 1.7860, 11.6900.



This preview shows how white text looks on a background with the YIQ color 120.0470, 1.7860,

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

120.0470, 1.7860, 11.6900

Protanopia

118.5400, -10.0880, 6.6160

Deuteranopia

119.0030, -4.0820, 7.9020



Tritanopia

119.6140, 4.2630, 5.3430

Trichromacy



Original Color

120.0470, 1.7860, 11.6900

Protanomaly

119.0460, -5.6410, 8.6230

Deuteranomaly

119.3130, -2.0190, 9.0610

Tritanomaly

119.8960, 3.5290, 7.6330

Monochromacy



Original Color

120.0470, 1.7860, 11.6900

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.0470, 1.7860, 11.6900 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(129, 112, 138)` looks like.

```
.text, #text, p{  
    color:rgb(129, 112, 138)  
}
```

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(129, 112, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 112, 138) }
```

Border

The CSS property to change the border of an element to YIQ 120.0470, 1.7860, 11.6900 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(129, 112, 138) }
```


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

```
.border{ border-color:rgb(129, 112, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 112, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 112, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 112, 138);  
box-shadow:4px 4px 4px 4px rgb(129, 112,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 120.0470, 1.7860, 11.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 112, 138) }
```

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

```
.background{ background-color: rgb(129,  
112, 138) }
```

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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