

Converting Colors

YIQ(127.2880, -8.8980, 18.0940)

Have a look what the booklet for
YIQ(127.2880, -8.8980, 18.0940)
contains.

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Color

**YIQ(127.2880, -8.8980,
18.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	8276A8
RGB	130, 118, 168
RGB Percent	51%, 46%, 66%
CMY	0.4901, 0.5373, 0.3412
CMYK	0.23, 0.30, 0.00, 0.34
HSL	254°, 22%, 56%
HSV	254°, 30%, 66%
XYZ	22.7522, 20.5292, 39.7999
YIQ	127.2880, -8.8980, 18.0940

Conversions

Conversions Part 2

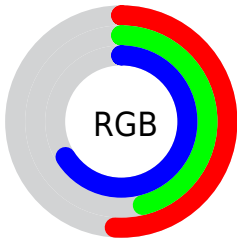
Format	Color
RYB	130, 118, 168
Decimal	8550056
CIELab	52.43, 15.50, -25.02
CIELCh	52, 29.428, 301.776
Yxy	20.5292, 0.2739, 0.2471
Android (android.graphics.Color)	4286740136 (0xFF8276A8)
YUV	127.2880, 20.0710, 2.3784
Hunter-Lab	45.3091, 10.3437, -20.3644

Details

The YIQ color $127.2880, -8.8980, 18.0940$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $158.7120, 8.8980, -18.0940$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.2280, -8.6690, 19.4510$, and $78.2340, -8.8060, 16.4260$ is the 20% darker color. If you saturate the color by 10%, you get $113.4220, -11.9710, 24.2290$, and if you desaturate by 10%, it is $141.1540, -5.8250, 11.9590$.

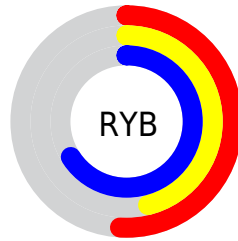
Distribution



Red (51%)

Green (46%)

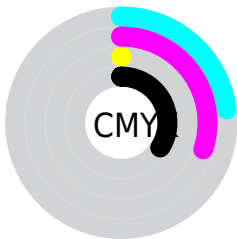
Blue (66%)



Red (51%)

Yellow (46%)

Blue (66%)

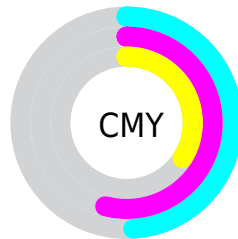


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (34%)



Cyan (49%)

Magenta (54%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.2880, -8.8980, 18.0940 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 127.2880, -8.8980, 18.0940 by changing the saturation by 10% instead.

■ 127.2880, -8.8980,
18.0940

■ 127.2880, -8.8980,
18.0940

■ 255.0000, -0.0000,
-0.0000

■ 101.7610, -8.8520,
17.2600

■ 180.2280, -8.6690,
19.4510

■ 78.2340, -8.8060,
16.4260

■ 207.7550, -8.7150,
20.2850

■ 54.7070, -8.7600,
15.5920

■ 232.9050, -0.6900,
12.5100

■ 32.4680, -9.5850,
14.0230

■ 254.4130, 0.2750,
0.5230

■ 9.0170, -6.6970,
16.7510

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,

0.0000

■ 127.2880, -8.8980,
18.0940

■ 127.2880, -8.8980,
18.0940

■ 113.4220,
-11.9710, 24.2290

■ 141.1540, -5.8250,
11.9590

■ 99.5560, -15.0440,
30.3640

■ 155.0200, -2.7520,
5.8240

■ 86.5760, -17.7960,
36.1880

■ 168.0000, -0.0000,
-0.0000

■ 72.7100, -20.8690,
42.3230

■ 181.8660, 3.0730,
-6.1350

■ 58.8440, -23.9420,
48.4580

■ 195.7320, 6.1460,
-12.2700

■ 44.9780, -27.0150,
54.5930

■ 209.5980, 9.2190,
-18.4050

■ 31.4110, -29.4920,
60.9400

■ 223.1650, 11.6960,
-24.7520

■ 31.1120, -30.0880,
60.7280

■ 236.4440, 15.0440,
-30.3640

■ 242.0920, 21.9670,
-29.1770

Harmonies

Analogous

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



121.7080, -36.8640, 7.2960



127.2880, -8.8980, 18.0940



128.7980, 16.0890, 22.3050

Triad

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



127.2880, -8.8980, 18.0940



124.8780, 38.3300, -0.8220



110.9070, -48.8710, -22.9110

Complementary

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



127.2880, -8.8980, 18.0940



158.7120, 8.8980, -18.0940

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.



116.3480, -19.4360, -22.2200



127.2880, -8.8980, 18.0940



123.0840, 25.5860, -12.1580

Square

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



127.2880, -8.8980, 18.0940



126.5230, 41.3080, 11.2920



120.2170, 5.9180, -19.1540



104.4990, -73.9050, -20.7610

Rectangle

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



127.2880, -8.8980, 18.0940



127.9150, 28.8810, 21.7530



120.2170, 5.9180, -19.1540



112.5830, -39.1510, -22.8550

Sweetspot

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



127.2880, -8.8980, 18.0940



203.3620, -3.7150, 6.7570



146.0060, -26.5000, -4.3240



99.9660, -2.6600, 4.1560



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



127.2880, -8.8980, 18.0940



154.6870, -14.0350, 28.5970



134.7630, 6.0020, 23.3940



77.5100, -1.3760, 2.9120



27.6360, -26.0520, 53.6600



3.7750, -3.4400, 7.2800

Inverse Universe

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



137.2820, 17.6020, 22.4180



170.4610, 27.8240, 35.4080



151.2370, -6.0020, -23.3940



79.0760, 2.8420, 3.5620



57.0200, 52.2560, 66.2080



7.6900, 7.1050, 8.9050

Previews

White Background



This preview shows how the YIQ color 127.2880, -8.8980, 18.0940 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 127.2880, -8.8980, 18.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

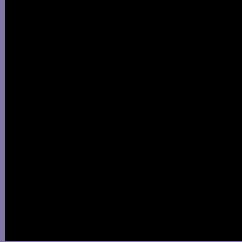
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.2880, -8.8980, 18.0940

Background



This preview shows how black text looks on a background with the YIQ color 127.2880, -8.8980, 18.0940.



This preview shows how white text looks on a background with the YIQ color 127.2880, -8.8980,

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

127.2880, -8.8980, 18.0940

Protanopia

124.9980, -22.8810, 12.6950

Deuteranopia

125.3250, -19.4880, 11.7760



Tritanopia

125.1400, -3.2100, 3.1100

Trichromacy



Original Color

127.2880, -8.8980, 18.0940

Protanomaly

125.8030, -17.8380, 14.9140

Deuteranomaly

125.9450, -15.3620, 14.0940

Tritanomaly

125.9320, -5.3200, 8.3120

Monochromacy



Original Color

127.2880, -8.8980, 18.0940

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.2480, -3.3940, 6.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.2880, -8.8980, 18.0940 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(130, 118, 168)` looks like.

```
.text, #text, p{  
    color:rgb(130, 118, 168)  
}
```

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(130, 118, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 118, 168) }
```

Border

The CSS property to change the border of an element to YIQ 127.2880, -8.8980, 18.0940 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(130, 118, 168) }
```


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

```
.border{ border-color:rgb(130, 118, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 118, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 118, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 118, 168);  
box-shadow:4px 4px 4px 4px rgb(130, 118,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 127.2880, -8.8980, 18.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 118, 168) }
```

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

```
.background{ background-color: rgb(130,  
118, 168) }
```

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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