

Converting Colors

YIQ(122.8810, -27.6460,
-5.5820)

Have a look what the booklet for
YIQ(122.8810, -27.6460, -5.5820)
contains.

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Color

**YIQ(122.8810, -27.6460,
-5.5820)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5D8690 |
| RGB | 93, 134, 144 |
| RGB Percent | 36%, 53%, 56% |
| CMY | 0.6354, 0.4744, 0.4354 |
| CMYK | 0.35, 0.07, 0.00, 0.44 |
| HSL | 192°, 22%, 46% |
| HSV | 192°, 35%, 56% |
| XYZ | 18.0711, 21.3936, 29.5505 |
| YIQ | 122.8810, -27.6460, -5.5820 |

Conversions

Conversions Part 2

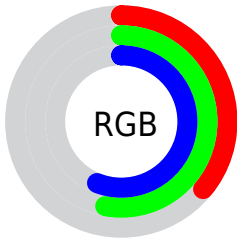
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 93, 116, 144 |
| Decimal | 6129296 |
| CIE Lab | 53.38, -11.53, -9.87 |
| CIE LCh | 53, 15.180, 220.565 |
| Yxy | 21.3936, 0.2618, 0.3100 |
| Android (android.graphics.Color) | 4284319376 (0xFF5D8690) |
| YUV | 122.8810, 10.4117, -26.2056 |
| Hunter-Lab | 46.2532, -11.2034, -5.5022 |

Details

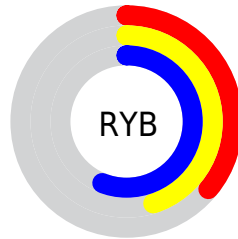
The YIQ color $122.8810, -27.6460, -5.5820$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $114.1190, 27.6460, 5.5820$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.6960, -28.5630, -5.4830$, and $72.8810, -27.6460, -5.5820$ is the 20% darker color. If you saturate the color by 10%, you get $116.9340, -35.1650, -6.9810$, and if you desaturate by 10%, it is $128.8280, -20.1270, -4.1830$.

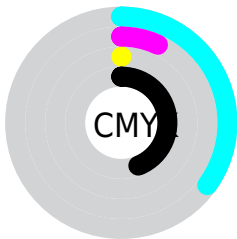
Distribution



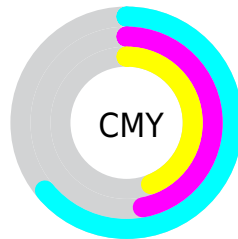
- Red (36%)
- Green (53%)
- Blue (56%)



- Red (36%)
- Yellow (45%)
- Blue (56%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)



- Cyan (64%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.8810, -27.6460, -5.5820 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 122.8810, -27.6460, -5.5820 by changing the saturation by 10% instead.

■ 122.8810,
-27.6460, -5.5820

■ 122.8810,
-27.6460, -5.5820

■ 255.0000, -0.0000,
-0.0000

■ 97.7670, -27.3250,
-5.8930

■ 175.6960,
-28.5630, -5.4830

■ 72.8810, -27.6460,
-5.5820

■ 203.3970,
-29.1590, -5.6950

■ 48.8700, -29.1130,
-6.5290

■ 231.3970,
-29.1590, -5.6950

■ 28.3650, -26.1330,
-5.4690

■ 247.2260,
-15.4960, -5.5120

■ 14.8180, -14.1670,
-2.0630

■ 0.0000, 0.0000,
0.0000

■ 122.8810,
-27.6460, -5.5820

■ 122.8810,
-27.6460, -5.5820

■ 116.9340,
-35.1650, -6.9810

■ 128.8280,
-20.1270, -4.1830

■ 110.6880,
-43.2800, -8.5920

■ 135.0740,
-12.0120, -2.5720

■ 105.3280,
-51.0740, -10.5140

■ 140.4340, -4.2180,
-0.6500

■ 99.0820, -59.1890,
-12.1250

■ 146.6800, 3.8970,
0.9610

■ 93.1350, -66.7080,
-13.5240

■ 152.6270, 11.4160,
2.3600

■ 87.1880, -74.2270,
-14.9230

■ 158.5740, 18.9350,
3.7590

■ 84.5080, -78.1240,
-15.8840

■ 164.8200, 27.0500,
5.3700

■ 170.1800, 34.8440,

7.2920

■ 176.4260, 42.9590,
8.9030

Harmonies

Analogous

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



122.3990, -23.4730, -9.6250



122.8810, -27.6460, -5.5820



124.7230, -24.0250, 0.3830

Triad

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



122.8810, -27.6460, -5.5820



129.6090, 11.8270, 11.4350



126.5310, 11.3260, -7.0260

Complementary

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



122.8810, -27.6460, -5.5820



114.1190, 27.6460, 5.5820

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.



127.8850, 19.2570, -2.0790



122.8810, -27.6460, -5.5820



129.6330, 20.4470, 9.3990

Square

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



122.8810, -27.6460, -5.5820



129.6230, 0.0440, 10.2200



128.8410, 22.5570, 4.1970



124.9640, -0.3190, -10.7430

Rectangle

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



122.8810, -27.6460, -5.5820



126.9520, -17.2400, 4.0720



128.8410, 22.5570, 4.1970



127.1400, 13.9850, -5.6550

Sweetspot

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



122.8810, -27.6460, -5.5820



177.6720, -10.8200, -2.1480



123.9630, -16.9140, -23.8740



89.2380, -6.6020, -1.4980



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.



122.8810, -27.6460, -5.5820



153.2750, -43.5550, -9.1150



108.2060, -20.7710, 7.4930



68.3200, -3.8970, -0.9610



79.3730, -73.3100, -15.0220



4.4340, -4.2180, -0.6500

Inverse Universe

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



112.9230, 17.2350, 23.5630



137.3300, 26.8150, 37.1750



128.7940, 20.7710, -7.4930



66.7770, 2.2460, 3.3500



52.7910, 45.4710, 62.5190



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 122.8810, -27.6460, -5.5820 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 122.8810, -27.6460, -5.5820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

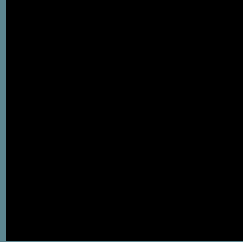
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

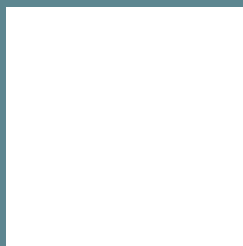
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.8810, -27.6460, -5.5820

Background



This preview shows how black text looks on a background with the YIQ color 122.8810, -27.6460, -5.5820.



This preview shows how white text looks on a background with the YIQ color 122.8810, -27.6460, -5.5820.

-5.5820.

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

122.8810, -27.6460, -5.5820

Protanopia

127.4820, -4.1730, 4.0430

Deuteranopia

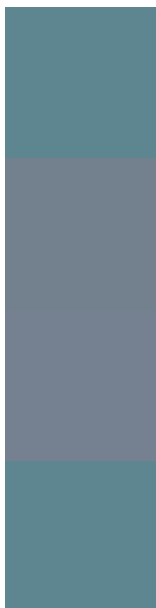
128.3020, -3.4860, 8.1140



Tritanopia

122.9950, -27.9670, -5.2710

Trichromacy



Original Color

122.8810, -27.6460, -5.5820

Protanomaly

125.8830, -12.7920, 0.5520

Deuteranomaly

126.6490, -12.0130, 2.9550

Tritanomaly

122.9950, -27.9670, -5.2710

Monochromacy



Original Color

122.8810, -27.6460, -5.5820

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9710, -10.2240, -1.9360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8810, -27.6460, -5.5820 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(93, 134, 144)` looks like.

```
.text, #text, p{  
    color:rgb(93, 134, 144)  
}
```

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(93, 134, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 134, 144) }
```

Border

The CSS property to change the border of an element to YIQ 122.8810, -27.6460, -5.5820 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(93, 134, 144) }
```


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

```
.border{ border-color:rgb(93, 134, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 134, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 134, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 134, 144);  
box-shadow:4px 4px 4px 4px rgb(93, 134,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 122.8810, -27.6460, -5.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 134, 144) }
```

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

```
.background{ background-color: rgb(93, 134,  
144) }
```

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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