

Converting Colors

YIQ(127.9720, -46.3550, 8.5970)

Have a look what the booklet for
YIQ(127.9720, -46.3550, 8.5970)
contains.

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Color

**YIQ(127.9720, -46.3550,
8.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	5987C2
RGB	89, 135, 194
RGB Percent	35%, 53%, 76%
CMY	0.6510, 0.4705, 0.2394
CMYK	0.54, 0.30, 0.00, 0.24
HSL	214°, 46%, 55%
HSV	214°, 54%, 76%
XYZ	22.5158, 23.3487, 54.3245
YIQ	127.9720, -46.3550, 8.5970

Conversions

Conversions Part 2

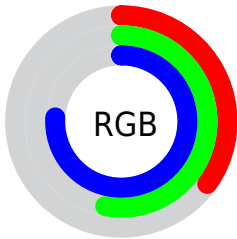
Format	Color
R _Y B	89, 121, 194
Decimal	5867458
CIE Lab	55.43, 1.49, -35.47
CIE LCh	55, 35.503, 272.403
Yxy	23.3487, 0.2247, 0.2330
Android (android.graphics.Color)	4284057538 (0xFF5987C2)
YUV	127.9720, 32.5518, -34.1784
Hunter-Lab	48.3205, -1.3858, -32.8326

Details

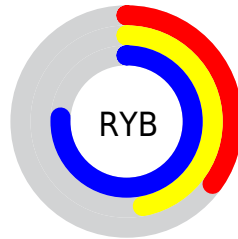
The YIQ color **127.9720, -46.3550, 8.5970** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **155.0280, 46.3550, -8.5970**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.3250, -45.8510, 10.4770**, and **74.2160, -53.0940, 4.0740** is the 20% darker color. If you saturate the color by 10%, you get **115.8340, -54.6540, 10.3220**, and if you desaturate by 10%, it is **140.1100, -38.0560, 6.8720**.

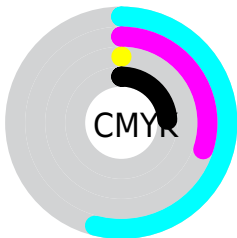
Distribution



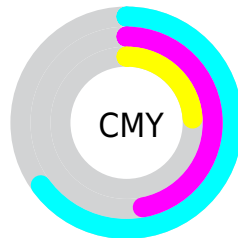
- Red (35%)
- Green (53%)
- Blue (76%)



- Red (35%)
- Yellow (47%)
- Blue (76%)



- Cyan (54%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (65%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.9720, -46.3550, 8.5970 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 127.9720, -46.3550, 8.5970 by changing the saturation by 10% instead.

■ 127.9720,
-46.3550, 8.5970

■ 127.9720,
-46.3550, 8.5970

■ 255.0000, -0.0000,
-0.0000

■ 101.5480,
-48.0970, 7.1270

■ 182.3250,
-45.8510, 10.4770

■ 74.2160, -53.0940,
4.0740

■ 207.8880,
-37.5510, 3.2250

■ 49.9770, -53.9190,
2.5050

■ 232.6960,
-28.5630, -5.4830

■ 34.2130, -39.8440,
6.2360

■ 248.1230,
-13.7080, -4.8760

■ 19.8510, -26.9610,
9.5430

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 127.9720,
-46.3550, 8.5970

■ 127.9720,
-46.3550, 8.5970

■ 115.8340,
-54.6540, 10.3220

■ 140.1100,
-38.0560, 6.8720

■ 103.3970,
-63.5490, 11.8350

■ 152.5470,
-29.1610, 5.3590

■ 91.2590, -71.8480,
13.5600

■ 164.6850,
-20.8620, 3.6340

■ 78.8220, -80.7430,
15.0730

■ 177.1220,
-11.9670, 2.1210

■ 72.0110, -85.6490,
15.8790

■ 188.6730, -3.3930,
0.9190

■ 200.8110, 4.9060,
-0.8060

■ 213.2480, 13.8010,
-2.3190

■ 225.3860, 22.1000,
-4.0440

■ 235.1320, 25.6310,
-7.4650

Harmonies

Analogous

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



105.5580, -98.7560, -16.4200



127.9720, -46.3550, 8.5970



135.4390, -10.6410, 22.1510

Triad

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



127.9720, -46.3550, 8.5970



133.4810, 50.2940, 13.6380



121.0650, -26.1290, -27.5770

Complementary

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



127.9720, -46.3550, 8.5970



155.0280, 46.3550, -8.5970

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.



127.0550, 6.1940, -24.1580



127.9720, -46.3550, 8.5970



132.3580, 45.6660, -1.6140

Square

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



127.9720, -46.3550, 8.5970



135.1400, 41.4890, 24.5370



130.3140, 30.6300, -15.4660



109.3170, -70.8770, -31.5890

Rectangle

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



127.9720, -46.3550, 8.5970



136.6220, 10.9530, 27.2810



130.3140, 30.6300, -15.4660



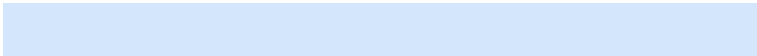
123.6380, -14.6210, -26.8850

Sweetspot

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



127.9720, -46.3550, 8.5970



227.1260, -17.7900, 3.0260



157.2470, -47.4930, -36.8770



112.3070, -11.0500, 2.0220



0.0000, 0.0000, 0.0000



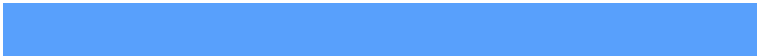
128.0000, -0.0000, -0.0000

Same Dimension

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



127.9720, -46.3550, 8.5970



148.9600, -72.4440, 13.3480



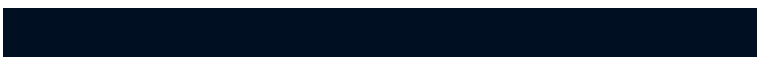
102.4650, -30.7250, 33.7150



90.4880, -4.3100, 1.0180



59.4440, -70.9310, 13.4610



12.5670, -14.7180, 2.4180

Inverse Universe

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



125.6390, 47.8140, 36.5660



145.2440, 74.6320, 57.1600



180.5350, 30.7250, -33.7150



90.4460, 4.6760, 3.3640



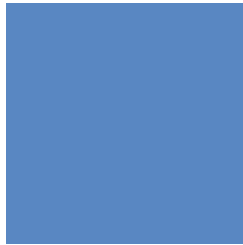
56.1190, 73.4860, 55.9020



11.5770, 14.8530, 11.6610

Previews

White Background



This preview shows how the YIQ color 127.9720, -46.3550, 8.5970 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 127.9720, -46.3550, 8.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

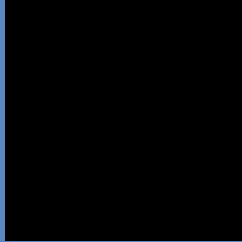
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.9720, -46.3550, 8.5970

Background



This preview shows how black text looks on a background with the YIQ color 127.9720, -46.3550, 8.5970.

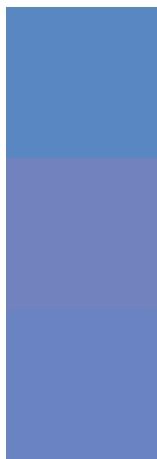


This preview shows how white text looks on a background with the YIQ color 127.9720, -46.3550,

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

127.9720, -46.3550, 8.5970

Protanopia

131.7570, -29.3920, 15.0560

Deuteranopia

130.5220, -36.0400, 14.3920



Tritanopia

123.9220, -44.0590, -10.9950

Trichromacy



Original Color

127.9720, -46.3550, 8.5970

Protanomaly

130.3540, -35.6270, 12.4130

Deuteranomaly

129.3150, -39.8910, 12.5970

Tritanomaly

125.3660, -45.0690, -3.7010

Monochromacy



Original Color

127.9720, -46.3550, 8.5970

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.3110, -16.8730, 2.9270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.9720, -46.3550, 8.5970 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(89, 135, 194)` looks like.

```
.text, #text, p{  
    color:rgb(89, 135, 194)  
}
```

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(89, 135, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 135, 194) }
```

Border

The CSS property to change the border of an element to YIQ 127.9720, -46.3550, 8.5970 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(89, 135, 194) }
```


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

```
.border{ border-color:rgb(89, 135, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 135, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 135, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 135, 194);  
box-shadow:4px 4px 4px 4px rgb(89, 135,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 127.9720, -46.3550, 8.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 135, 194) }
```

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

```
.background{ background-color: rgb(89, 135,  
194) }
```

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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