

Converting Colors

YIQ(127.8400, -54.7910, 7.2970)

Have a look what the booklet for
YIQ(127.8400, -54.7910, 7.2970)
contains.

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Color

**YIQ(127.8400, -54.7910,
7.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	508AC9
RGB	80, 138, 201
RGB Percent	31%, 54%, 79%
CMY	0.6863, 0.4587, 0.2120
CMYK	0.60, 0.31, 0.00, 0.21
HSL	211°, 53%, 55%
HSV	211°, 60%, 79%
XYZ	22.9328, 24.1022, 58.6600
YIQ	127.8400, -54.7910, 7.2970

Conversions

Conversions Part 2

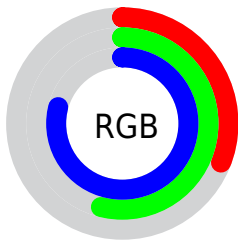
Format	Color
R _Y B	80, 119, 201
Decimal	5278409
CIE Lab	56.19, 0.11, -38.27
CIE LCh	56, 38.273, 270.165
Yxy	24.1022, 0.2170, 0.2280
Android (android.graphics.Color)	4283468489 (0xFF508AC9)
YUV	127.8400, 36.0679, -41.9557
Hunter-Lab	49.0940, -2.5337, -36.4768

Details

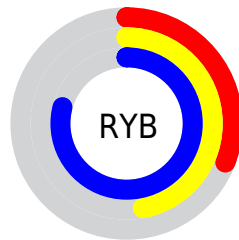
The YIQ color `127.8400, -54.7910, 7.2970` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `153.1600, 54.7910, -7.2970`, and the grayscale version is `128.0000, -0.0000, -0.0000`.

A 20% lighter version of the original color is `182.4490, -52.1320, 8.6680`, and `68.4140, -71.3870, -0.3070` is the 20% darker color. If you saturate the color by 10%, you get `115.9900, -63.9610, 8.2870`, and if you desaturate by 10%, it is `139.6900, -45.6210, 6.3070`.

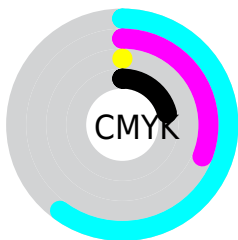
Distribution



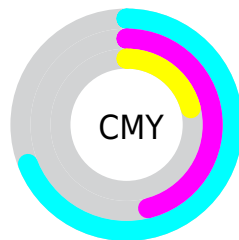
- Red (31%)
- Green (54%)
- Blue (79%)



- Red (31%)
- Yellow (47%)
- Blue (79%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.8400, -54.7910, 7.2970 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 127.8400, -54.7910, 7.2970 by changing the saturation by 10% instead.

■ 127.8400,
-54.7910, 7.2970

■ 127.8400,
-54.7910, 7.2970

■ 255.0000, -0.0000,
-0.0000

■ 100.4050,
-58.0000, 4.8800

■ 182.4490,
-52.1320, 8.6680

■ 69.0010, -71.6620,
-0.8300

■ 207.5560,
-42.5480, 0.1720

■ 51.9490, -56.7160,
3.6360

■ 232.6630,
-32.9640, -8.3240

■ 36.6580, -42.5950,
6.5330

■ 246.3290,
-17.2840, -6.1480

■ 22.1820, -29.3910,
9.5290

■ 7.8200, -16.5080,
12.8360

■ 3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 127.8400,
-54.7910, 7.2970

■ 127.8400,
-54.7910, 7.2970

■ 115.9900,
-63.9610, 8.2870

■ 139.6900,
-45.6210, 6.3070

■ 103.5530,
-72.8560, 9.8000

■ 152.1270,
-36.7260, 4.7940

■ 91.7030, -82.0260,
10.7900

■ 163.9770,
-27.5560, 3.8040

■ 79.2660, -90.9210,
12.3030

■ 176.4140,
-18.6610, 2.2910

■ 188.2640, -9.4910,
1.3010

■ 201.0000, -0.0000,
0.0000

■ 212.8500, 9.1700,
-0.9900

■ 225.2870, 18.0650,
-2.5030

■ 235.3430, 23.6590,
-4.7650

Harmonies

Analogous

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



108.1770, -102.0570, -17.1690



127.8400, -54.7910, 7.2970



137.1120, -14.0340, 23.0700

Triad

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



127.8400, -54.7910, 7.2970



135.8020, 53.8240, 15.7440



122.4840, -25.9910, -30.0790

Complementary

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



127.8400, -54.7910, 7.2970



153.1600, 54.7910, -7.2970

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.



128.6700, 8.7160, -25.8120



127.8400, -54.7910, 7.2970



134.3370, 50.1590, -0.4410

Square

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



127.8400, -54.7910, 7.2970



137.5040, 43.4600, 27.3640



132.0540, 34.2980, -15.8620



104.5000, -84.8140, -37.8220

Rectangle

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



127.8400, -54.7910, 7.2970



138.8930, 8.7520, 28.6240



132.0540, 34.2980, -15.8620



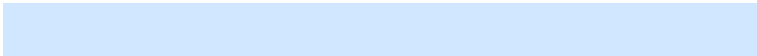
124.7690, -13.6120, -28.6520

Sweetspot

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



127.8400, -54.7910, 7.2970



227.1580, -20.8160, 2.8000



158.0950, -53.1770, -44.0010



110.5240, -13.1590, 1.6970



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.



127.8400, -54.7910, 7.2970



144.2190, -83.5390, 10.6770



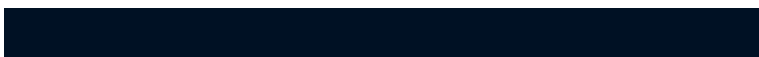
94.3920, -37.6490, 38.0550



93.3740, -3.9890, 0.7070



64.3680, -73.7730, 9.8990



14.0830, -16.2310, 2.3050

Inverse Universe

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



122.7910, 53.4980, 43.6900



136.1620, 81.0950, 66.6870



186.6080, 37.6490, -38.0550



93.1470, 4.0800, 3.1520



57.6290, 72.1100, 58.8140



12.7020, 15.9990, 12.9190

Previews

White Background



This preview shows how the YIQ color 127.8400, -54.7910, 7.2970 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 127.8400, -54.7910, 7.2970 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 127.8400, -54.7910, 7.2970

Background



This preview shows how black text looks on a background with the YIQ color 127.8400, -54.7910, 7.2970.

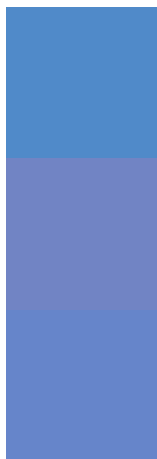


This preview shows how white text looks on a background with the YIQ color 127.8400, -54.7910,

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

127.8400, -54.7910, 7.2970

Protanopia

133.6150, -31.8680, 15.8760

Deuteranopia

131.5970, -40.6250, 14.8870



Tritanopia

121.9530, -54.5120, -14.2880

Trichromacy



Original Color

127.8400, -54.7910, 7.2970

Protanomaly

131.4290, -40.2120, 12.9080

Deuteranomaly

130.3790, -45.9430, 12.1450

Tritanomaly

124.1090, -54.6510, -6.2590

Monochromacy



Original Color

127.8400, -54.7910, 7.2970

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.3430, -19.8990, 2.7010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.8400, -54.7910, 7.2970 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(80, 138, 201)` looks like.

```
.text, #text, p{  
    color:rgb(80, 138, 201)  
}
```

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(80, 138, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 138, 201) }
```

Border

The CSS property to change the border of an element to YIQ 127.8400, -54.7910, 7.2970 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(80, 138, 201) }
```


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

```
.border{ border-color:rgb(80, 138, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 138, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 138, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 138, 201);  
box-shadow:4px 4px 4px 4px rgb(80, 138,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 127.8400, -54.7910, 7.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 138, 201) }
```

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

```
.background{ background-color: rgb(80, 138,  
201) }
```

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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