

Converting Colors

YIQ(124.7680, -54.2880,
14.7040)

Have a look what the booklet for
YIQ(124.7680, -54.2880, 14.7040)
contains.

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Color

**YIQ(124.7680, -54.2880,
14.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	5282D2
RGB	82, 130, 210
RGB Percent	32%, 51%, 82%
CMY	0.6785, 0.4901, 0.1767
CMYK	0.61, 0.38, 0.00, 0.18
HSL	217°, 59%, 57%
HSV	217°, 61%, 82%
XYZ	23.0876, 22.4134, 64.0359
YIQ	124.7680, -54.2880, 14.7040

Conversions

Conversions Part 2

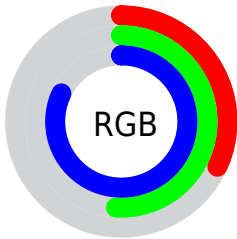
Format	Color
R _Y B	82, 117, 210
Decimal	5407442
CIE Lab	54.46, 8.25, -46.08
CIE LCh	54, 46.811, 280.155
Yxy	22.4134, 0.2108, 0.2046
Android (android.graphics.Color)	4283597522 (0xFF5282D2)
YUV	124.7680, 42.0194, -37.5075
Hunter-Lab	47.3428, 4.1991, -47.0558

Details

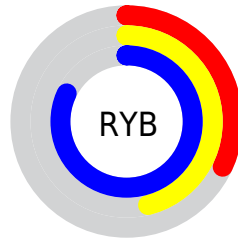
The YIQ color **124.7680, -54.2880, 14.7040** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **167.2320, 54.2880, -14.7040**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.6500, -48.1440, 13.4880**, and **65.2170, -72.0300, 5.8420** is the 20% darker color. If you saturate the color by 10%, you get **110.8580, -63.2290, 17.0510**, and if you desaturate by 10%, it is **138.6780, -45.3470, 12.3570**.

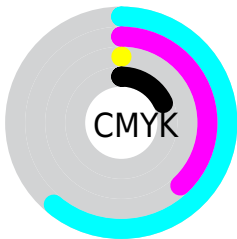
Distribution



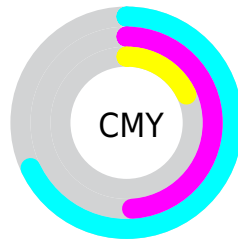
- Red (32%)
- Green (51%)
- Blue (82%)



- Red (32%)
- Yellow (46%)
- Blue (82%)



- Cyan (61%)
- Magenta (38%)
- Yellow (0%)
- Black (18%)



- Cyan (68%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7680, -54.2880, 14.7040 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 124.7680, -54.2880, 14.7040 by changing the saturation by 10% instead.

■ 124.7680,
-54.2880, 14.7040

■ 124.7680,
-54.2880, 14.7040

■ 255.0000, -0.0000,
-0.0000

■ 97.0340, -58.0930,
12.0750

■ 178.6500,
-48.1440, 13.4880

■ 65.2170, -72.0300,
5.8420

■ 203.1700,
-38.2850, 5.5150

■ 49.2250, -57.3130,
8.9510

■ 228.5760,
-28.1050, -2.7690

■ 34.0480, -43.5130,
12.1590

■ 247.2260,
-15.4960, -5.5120

■ 18.8710, -29.7130,
15.3670

■ 9.2050, -19.0300,
14.4900

■ 4.8220, -10.8220,

8.9060

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 124.7680,
-54.2880, 14.7040

■ 124.7680,
-54.2880, 14.7040

■ 110.8580,
-63.2290, 17.0510

■ 138.6780,
-45.3470, 12.3570

■ 96.9480, -72.1700,
19.3980

■ 152.5880,
-36.4060, 10.0100

■ 83.0380, -81.1110,
21.7450

■ 166.4980,
-27.4650, 7.6630

■ 70.3130, -89.1350,
23.9930

■ 180.4080,
-18.5240, 5.3160

■ 194.9050, -9.8580,
2.4460

■ 208.8150, -0.9170,
0.0990

■ 222.7250, 8.0240,
-2.2480

■ 236.6350, 16.9650,
-4.5950

■ 245.7610, 16.3700,
-10.3340

Harmonies

Analogous

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



106.8380, -105.1760, -10.2000



124.7680, -54.2880, 14.7040



133.9550, -2.9860, 32.1020

Triad

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



124.7680, -54.2880, 14.7040



129.0820, 64.5990, 13.1990



104.3700, -61.2010, -41.7530

Complementary

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



124.7680, -54.2880, 14.7040



167.2320, 54.2880, -14.7040

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.



120.0550, -2.9740, -34.2220



124.7680, -54.2880, 14.7040



127.5190, 55.1580, -8.4420

Square

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



124.7680, -54.2880, 14.7040



130.5120, 58.1770, 30.4730



125.1750, 32.0990, -25.5730



104.3520, -87.1530, -33.9770

Rectangle

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



124.7680, -54.2880, 14.7040



133.7750, 24.0640, 37.4720



125.1750, 32.0990, -25.5730



113.0650, -35.2970, -37.6410

Sweetspot

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



124.7680, -54.2880, 14.7040



224.2230, -19.4410, 5.4150



166.1420, -60.5590, -42.3750



108.7630, -12.3340, 3.2660



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.



124.7680, -54.2880, 14.7040



131.2940, -78.9560, 21.2360



101.0770, -32.1480, 42.9880



97.6020, -4.6310, 1.3290



56.1330, -71.2530, 19.2990



13.4790, -17.2860, 4.9060

Inverse Universe

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



125.7440, 60.8800, 42.0640



132.5940, 88.3860, 61.2020



190.9230, 32.1480, -42.9880



97.7450, 5.2720, 3.5760



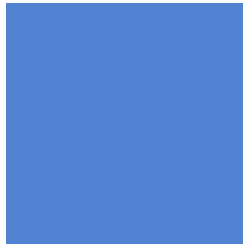
57.4140, 79.9050, 55.2090



13.9690, 19.6210, 13.3570

Previews

White Background



This preview shows how the YIQ color 124.7680, -54.2880, 14.7040 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 124.7680, -54.2880, 14.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

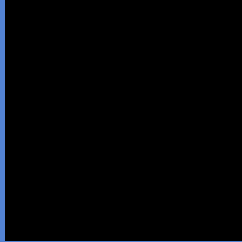
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.7680, -54.2880, 14.7040

Background



This preview shows how black text looks on a background with the YIQ color 124.7680, -54.2880, 14.7040.

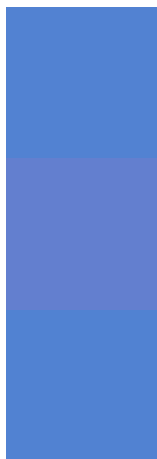


This preview shows how white text looks on a background with the YIQ color 124.7680, -54.2880,

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

124.7680, -54.2880, 14.7040

Protanopia

127.7480, -42.3680, 18.9440

Deuteranopia

124.4690, -54.8840, 14.4920



Tritanopia

117.2410, -55.3830, -15.0230

Trichromacy



Original Color

124.7680, -54.2880, 14.7040

Protanomaly

126.6550, -46.5400, 17.4600

Deuteranomaly

124.4690, -54.8840, 14.4920

Tritanomaly

120.2770, -55.0640, -4.2800

Monochromacy



Original Color

124.7680, -54.2880, 14.7040

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9240, -20.0370, 5.2030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7680, -54.2880, 14.7040 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(82, 130, 210)` looks like.

```
.text, #text, p{  
    color:rgb(82, 130, 210)  
}
```

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(82, 130, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 130, 210) }
```

Border

The CSS property to change the border of an element to YIQ 124.7680, -54.2880, 14.7040 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(82, 130, 210) }
```


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

```
.border{ border-color:rgb(82, 130, 210) }
```

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

Here you see how a box with a 4 pixel rgb(82, 130, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 130, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 130, 210);  
box-shadow:4px 4px 4px 4px rgb(82, 130,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7680, -54.2880, 14.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 130, 210) }
```

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

```
.background{ background-color: rgb(82, 130,  
210) }
```

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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