

Converting Colors

YIQ(125.7080, -54.0590,
16.0610)

Have a look what the booklet for
YIQ(125.7080, -54.0590, 16.0610)
contains.

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Color

**YIQ(125.7080, -54.0590,
16.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	5482D5
RGB	84, 130, 213
RGB Percent	33%, 51%, 84%
CMY	0.6706, 0.4901, 0.1650
CMYK	0.61, 0.39, 0.00, 0.16
HSL	219°, 61%, 58%
HSV	219°, 61%, 84%
XYZ	23.6413, 22.6551, 66.0303
YIQ	125.7080, -54.0590, 16.0610

Conversions

Conversions Part 2

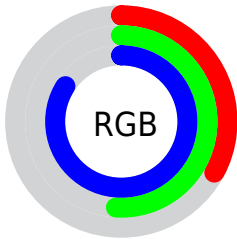
Format	Color
R_{YB}	84, 118, 213
Decimal	5538517
CIE _{Lab}	54.72, 9.64, -47.36
CIE _{LCh}	55, 48.335, 281.504
Yxy	22.6551, 0.2105, 0.2017
Android (android.graphics.Color)	4283728597 (0xFF5482D5)
YUV	125.7080, 43.0350, -36.5779
Hunter-Lab	47.5974, 5.3643, -48.9330

Details

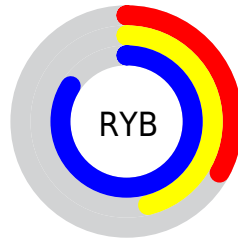
The YIQ color **125.7080, -54.0590, 16.0610** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **171.2920, 54.0590, -16.0610**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2480, -46.9520, 13.9120**, and **65.5590, -72.9930, 6.7750** is the 20% darker color. If you saturate the color by 10%, you get **111.2110, -62.7250, 18.9310**, and if you desaturate by 10%, it is **140.2050, -45.3930, 13.1910**.

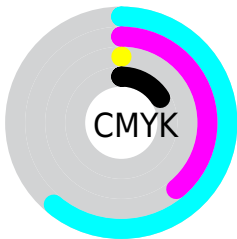
Distribution



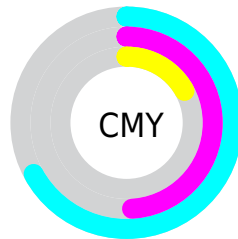
- Red (33%)
- Green (51%)
- Blue (84%)



- Red (33%)
- Yellow (46%)
- Blue (84%)



- Cyan (61%)
- Magenta (39%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.7080, -54.0590, 16.0610 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 125.7080, -54.0590, 16.0610 by changing the saturation by 10% instead.

■ 125.7080,
-54.0590, 16.0610

■ 125.7080,
-54.0590, 16.0610

■ 255.0000, -0.0000,
-0.0000

■ 97.9740, -57.8640,
13.4320

■ 179.2480,
-46.9520, 13.9120

■ 65.5590, -72.9930,
6.7750

■ 203.7680,
-37.0930, 5.9390

■ 49.5670, -58.2760,
9.8840

■ 229.1740,
-26.9130, -2.3450

■ 34.2760, -44.1550,
12.7810

■ 248.1230,
-13.7080, -4.8760

■ 19.8000, -30.9510,
15.7770

■ 9.4330, -19.6720,
15.1120

■ 5.1640, -11.7850,

9.8390

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 125.7080,
-54.0590, 16.0610

■ 125.7080,
-54.0590, 16.0610

■ 111.2110,
-62.7250, 18.9310

■ 140.2050,
-45.3930, 13.1910

■ 97.0020, -72.2620,
21.0660

■ 154.4140,
-35.8560, 11.0560

■ 82.5050, -80.9280,
23.9360

■ 168.9110,
-27.1900, 8.1860

■ 68.8940, -89.2730,
26.4950

■ 183.4080,
-18.5240, 5.3160

■ 197.3180, -9.5830,
2.9690

■ 212.1140, -0.3210,
0.3110

■ 226.6110, 8.3450,
-2.5590

■ 241.1080, 17.0110,
-5.4290

■ 249.0380, 14.0320,
-12.0160

Harmonies

Analogous

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



107.8810, -106.7350, -9.4790



125.7080, -54.0590, 16.0610



134.4930, -1.5650, 33.8830

Triad

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



125.7080, -54.0590, 16.0610



129.0390, 66.1580, 12.4780



99.7920, -74.3130, -46.4170

Complementary

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



125.7080, -54.0590, 16.0610



171.2920, 54.0590, -16.0610

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.



119.7450, -5.0370, -35.3810



125.7080, -54.0590, 16.0610



127.7640, 55.8460, -9.8980

Square

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



125.7080, -54.0590, 16.0610



130.5940, 60.8820, 31.0100



125.1210, 32.1910, -27.2410



105.8680, -88.6660, -34.0900

Rectangle

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



125.7080, -54.0590, 16.0610



134.4980, 26.4020, 39.1540



125.1210, 32.1910, -27.2410



111.6730, -40.0650, -39.3370

Sweetspot

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



125.7080, -54.0590, 16.0610



223.6360, -19.1660, 5.9380



169.0710, -61.7970, -41.9650



108.1760, -12.0590, 3.7890



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.



125.7080, -54.0590, 16.0610



128.9460, -77.8560, 23.3280



103.7890, -31.2770, 43.7230



99.6020, -4.6310, 1.3290



55.3010, -71.6660, 21.2780



13.7070, -17.9280, 5.5280

Inverse Universe

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



127.8150, 62.1180, 41.6540



132.1380, 89.6700, 59.9580



193.2110, 31.2770, -43.7230



99.7450, 5.2720, 3.5760



58.0830, 82.3350, 55.2230



14.5670, 20.8130, 13.7810

Previews

White Background



This preview shows how the YIQ color 125.7080, -54.0590, 16.0610 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 125.7080, -54.0590, 16.0610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

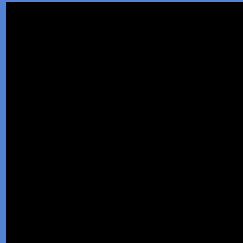
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.7080, -54.0590, 16.0610

Background



This preview shows how black text looks on a background with the YIQ color 125.7080, -54.0590, 16.0610.

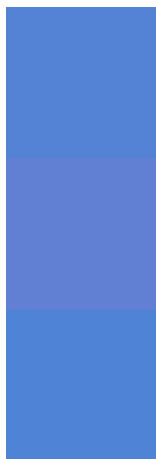


This preview shows how white text looks on a background with the YIQ color 125.7080, -54.0590, 16.0610.

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

125.7080, -54.0590, 16.0610

Protanopia

128.4920, -44.5230, 19.4530

Deuteranopia

124.8000, -57.3140, 14.4780



Tritanopia

117.9530, -54.5120, -14.2880

Trichromacy



Original Color

125.7080, -54.0590, 16.0610

Protanomaly

127.6980, -48.0990, 18.1810

Deuteranomaly

125.3980, -56.1220, 14.9020

Tritanomaly

120.9890, -54.1930, -3.5450

Monochromacy



Original Color

125.7080, -54.0590, 16.0610

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7500, -19.4870, 6.2490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.7080, -54.0590, 16.0610 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(84, 130, 213)` looks like.

```
.text, #text, p{  
    color:rgb(84, 130, 213)  
}
```

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(84, 130, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 130, 213) }
```

Border

The CSS property to change the border of an element to YIQ 125.7080, -54.0590, 16.0610 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(84, 130, 213) }
```


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

```
.border{ border-color:rgb(84, 130, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 130, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 130, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 130, 213);  
box-shadow:4px 4px 4px 4px rgb(84, 130,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 125.7080, -54.0590, 16.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 130, 213) }
```

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

```
.background{ background-color: rgb(84, 130,  
213) }
```

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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