

Converting Colors

YIQ(129.1210, -53.7840,
16.5840)

Have a look what the booklet for
YIQ(129.1210, -53.7840, 16.5840)
contains.

YIQ(129.1210, -53.7840, 16.5840)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.1210, -53.7840,
16.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	5885D9
RGB	88, 133, 217
RGB Percent	35%, 52%, 85%
CMY	0.6549, 0.4784, 0.1493
CMYK	0.59, 0.39, 0.00, 0.15
HSL	219°, 63%, 60%
HSV	219°, 59%, 85%
XYZ	24.9285, 23.8604, 68.8889
YIQ	129.1210, -53.7840, 16.5840

Conversions

Conversions Part 2

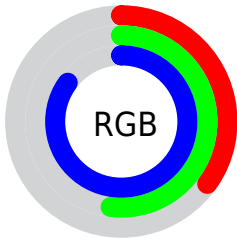
Format	Color
R _Y B	88, 121, 217
Decimal	5801433
CIE Lab	55.95, 9.93, -47.65
CIE LCh	56, 48.672, 281.777
Yxy	23.8604, 0.2118, 0.2028
Android (android.graphics.Color)	4283991513 (0xFF5885D9)
YUV	129.1210, 43.3243, -36.0631
Hunter-Lab	48.8471, 5.6127, -49.4235

Details

The YIQ color **129.1210, -53.7840, 16.5840** 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 **175.8790, 53.7840, -16.5840**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2050, -45.3930, 13.1910**, and **69.5700, -71.5260, 7.7220** is the 20% darker color. If you saturate the color by 10%, you get **114.3250, -63.0460, 19.2420**, and if you desaturate by 10%, it is **143.9170, -44.5220, 13.9260**.

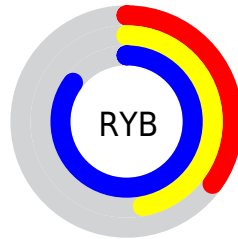
Distribution



Red (35%)

Green (52%)

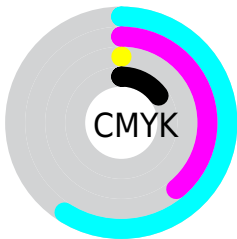
Blue (85%)



Red (35%)

Yellow (47%)

Blue (85%)

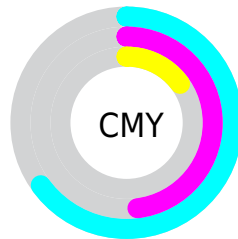


Cyan (59%)

Magenta (39%)

Yellow (0%)

Black (15%)



Cyan (65%)

Magenta (48%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.1210, -53.7840, 16.5840 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 129.1210, -53.7840, 16.5840 by changing the saturation by 10% instead.

■ 129.1210,
-53.7840, 16.5840

■ 129.1210,
-53.7840, 16.5840

■ 255.0000, -0.0000,
-0.0000

■ 101.6860,
-56.9930, 14.1670

■ 182.2050,
-45.3930, 13.1910

■ 69.4560, -71.2050,
7.4110

■ 206.7250,
-35.5340, 5.2180

■ 51.1970, -60.1100,
10.0820

■ 232.7180,
-25.6290, -3.5890

■ 35.9060, -45.9890,
12.9790

■ 249.3190,
-11.3240, -4.0280

■ 21.9030, -32.7390,
15.1410

■ 10.3620, -20.9100,
15.5220

■ 5.5060, -12.7480,

10.7720

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 129.1210,
-53.7840, 16.5840

■ 129.1210,
-53.7840, 16.5840

■ 114.3250,
-63.0460, 19.2420

■ 143.9170,
-44.5220, 13.9260

■ 99.8280, -71.7120,
22.1120

■ 158.4140,
-35.8560, 11.0560

■ 85.0320, -80.9740,
24.7700

■ 173.2100,
-26.5940, 8.3980

■ 70.2360, -90.2360,
27.4280

■ 188.0060,
-17.3320, 5.7400

■ 69.3500, -90.5570,
27.7390

■ 203.0900, -8.9410,
2.3470

■ 217.8860, 0.3210,
-0.3110

■ 232.6820, 9.5830,
-2.9690

■ 245.3850, 14.6730,
-7.1110

■ 250.6680, 12.1980,
-11.8180

Harmonies

Analogous

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



110.0980, -108.8440, -9.8040



129.1210, -53.7840, 16.5840



137.7920, -0.9690, 34.0950

Triad

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



129.1210, -53.7840, 16.5840



132.9250, 66.4790, 12.1670



101.8950, -76.1010, -47.0530

Complementary

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



129.1210, -53.7840, 16.5840



175.8790, 53.7840, -16.5840

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.



122.4460, -5.6330, -35.5930



129.1210, -53.7840, 16.5840



131.5360, 56.4880, -10.5200

Square

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



129.1210, -53.7840, 16.5840



133.8930, 61.4780, 31.2220



128.1210, 32.1910, -27.2410



108.0850, -90.7750, -34.4150

Rectangle

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



129.1210, -53.7840, 16.5840



137.7970, 26.9980, 39.3660



128.1210, 32.1910, -27.2410



114.9610, -40.9360, -40.0720

Sweetspot

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



129.1210, -53.7840, 16.5840



223.6360, -19.1660, 5.9380



173.2990, -62.4390, -41.3430



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.



129.1210, -53.7840, 16.5840



131.6150, -75.4260, 23.3420



108.3870, -30.0850, 44.1470



102.6020, -4.6310, 1.3290



55.5290, -72.3080, 21.9000



14.6360, -19.1660, 5.9380

Inverse Universe

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



131.7010, 62.4390, 41.3430



135.3010, 87.6530, 57.9650



196.6130, 30.0850, -44.1470



102.7450, 5.2720, 3.5760



58.6810, 83.5270, 55.6470



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 129.1210, -53.7840, 16.5840 looks on a white background.

Color Contrast Check

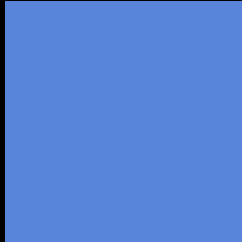
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.1210, -53.7840, 16.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

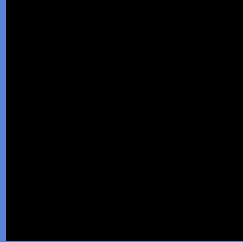
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.1210, -53.7840, 16.5840

Background



This preview shows how black text looks on a background with the YIQ color 129.1210, -53.7840, 16.5840.



This preview shows how white text looks on a background with the YIQ color 129.1210, -53.7840,

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

129.1210, -53.7840, 16.5840

Protanopia

131.6060, -44.8440, 19.7640

Deuteranopia

128.2130, -57.0390, 15.0010



Tritanopia

122.1380, -53.5950, -14.3870

Trichromacy



Original Color

129.1210, -53.7840, 16.5840

Protanomaly

130.8120, -48.4200, 18.4920

Deuteranomaly

128.8110, -55.8470, 15.4250

Tritanomaly

124.4020, -53.9180, -3.0220

Monochromacy



Original Color

129.1210, -53.7840, 16.5840

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7500, -19.4870, 6.2490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1210, -53.7840, 16.5840 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(88, 133, 217)` looks like.

```
.text, #text, p{  
    color:rgb(88, 133, 217)  
}
```

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(88, 133, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 133, 217) }
```

Border

The CSS property to change the border of an element to YIQ 129.1210, -53.7840, 16.5840 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(88, 133, 217) }
```


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

```
.border{ border-color:rgb(88, 133, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 133, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 133, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 133, 217);  
box-shadow:4px 4px 4px 4px rgb(88, 133,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1210, -53.7840, 16.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 133, 217) }
```

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

```
.background{ background-color: rgb(88, 133,  
217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor