

Converting Colors

YIQ(127.1750, -53.8760,
18.2520)

Have a look what the booklet for
YIQ(127.1750, -53.8760, 18.2520)
contains.

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Color

**YIQ(127.1750, -53.8760,
18.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	5782DA
RGB	87, 130, 218
RGB Percent	34%, 51%, 85%
CMY	0.6588, 0.4901, 0.1454
CMYK	0.60, 0.40, 0.00, 0.15
HSL	220°, 64%, 60%
HSV	220°, 60%, 85%
XYZ	24.5599, 23.0540, 69.4358
YIQ	127.1750, -53.8760, 18.2520

Conversions

Conversions Part 2

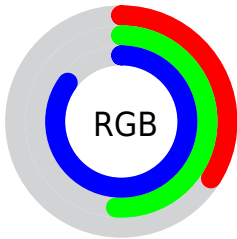
Format	Color
R _Y B	87, 119, 218
Decimal	5735130
CIE Lab	55.13, 11.88, -49.51
CIE LCh	55, 50.920, 283.495
Yxy	23.0540, 0.2098, 0.1970
Android (android.graphics.Color)	4283925210 (0xFF5782DA)
YUV	127.1750, 44.7767, -35.2335
Hunter-Lab	48.0146, 7.2789, -52.1314

Details

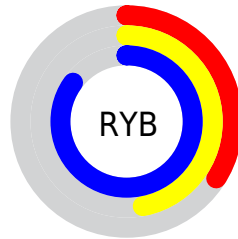
The YIQ color **127.1750, -53.8760, 18.2520** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **177.8250, 53.8760, -18.2520**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.1450, -45.1640, 14.5480**, and **66.0150, -74.2770, 8.0190** is the 20% darker color. If you saturate the color by 10%, you get **111.7920, -62.8630, 21.4330**, and if you desaturate by 10%, it is **142.5580, -44.8890, 15.0710**.

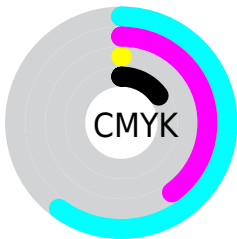
Distribution



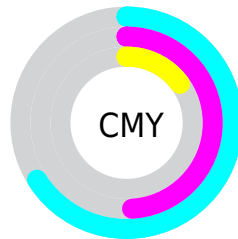
- Red (34%)
- Green (51%)
- Blue (85%)



- Red (34%)
- Yellow (47%)
- Blue (85%)



- Cyan (60%)
- Magenta (40%)
- Yellow (0%)
- Black (15%)



- Cyan (66%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.1750, -53.8760, 18.2520 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 127.1750, -53.8760, 18.2520 by changing the saturation by 10% instead.

■ 127.1750,
-53.8760, 18.2520

■ 127.1750,
-53.8760, 18.2520

■ 255.0000, -0.0000,
-0.0000

■ 99.4410, -57.6810,
15.6230

■ 180.1450,
-45.1640, 14.5480

■ 66.0150, -74.2770,
8.0190

■ 204.9640,
-34.7090, 6.7870

■ 50.1370, -59.8810,
11.4390

■ 230.0710,
-25.1250, -1.7090

■ 34.8460, -45.7600,
14.3360

■ 249.0200,
-11.9200, -4.2400

■ 20.2560, -32.2350,
17.0210

■ 10.4760, -21.2310,
15.8330

■ 6.0930, -13.0230,

10.2490

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 127.1750,
-53.8760, 18.2520

■ 127.1750,
-53.8760, 18.2520

■ 111.7920,
-62.8630, 21.4330

■ 142.5580,
-44.8890, 15.0710

■ 96.9960, -72.1250,
24.0910

■ 157.3540,
-35.6270, 12.4130

■ 81.9120, -80.5160,
27.4840

■ 172.4380,
-27.2360, 9.0200

■ 67.1160, -89.7780,
30.1420

■ 187.8210,
-18.2490, 5.8390

■ 202.6170, -8.9870,
3.1810

■ 218.0000, -0.0000,
0.0000

■ 232.7960, 9.2620,
-2.6580

■ 246.0860, 14.0770,
-7.3230

■ 250.7820, 11.8770,
-11.5070

Harmonies

Analogous

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



109.1520, -108.9360, -8.1360



127.1750, -53.8760, 18.2520



135.9280, 1.6440, 36.3000

Triad

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



127.1750, -53.8760, 18.2520



130.0670, 68.9550, 11.3470



101.1940, -75.5050, -46.8410

Complementary

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



127.1750, -53.8760, 18.2520



177.8250, 53.8760, -18.2520

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.



119.0110, -8.8420, -38.0100



127.1750, -53.8760, 18.2520



128.6670, 57.4970, -12.2870

Square

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



127.1750, -53.8760, 18.2520



130.6870, 65.0540, 32.4940



125.2410, 31.7330, -29.9550



107.6120, -90.8210, -33.5810

Rectangle

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



127.1750, -53.8760, 18.2520



135.1180, 30.5280, 41.4720



125.2410, 31.7330, -29.9550



108.5900, -50.1970, -42.9410

Sweetspot

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



127.1750, -53.8760, 18.2520



223.0490, -18.8910, 6.4610



173.8150, -63.9520, -41.4560



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.



127.1750, -53.8760, 18.2520



127.7830, -75.8390, 25.3210



108.5120, -28.9390, 45.4050



102.0150, -4.3560, 1.8520



53.1810, -71.2080, 23.9920



14.0490, -18.8910, 6.4610

Inverse Universe

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



131.0710, 64.2730, 41.1450



132.9700, 90.0830, 57.9790



196.4880, 28.9390, -45.4050



102.6310, 5.5930, 3.2650



58.2250, 84.8110, 54.4030



15.4640, 22.6010, 14.4170

Previews

White Background



This preview shows how the YIQ color 127.1750, -53.8760, 18.2520 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 127.1750, -53.8760, 18.2520 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 127.1750, -53.8760, 18.2520

Background



This preview shows how black text looks on a background with the YIQ color 127.1750, -53.8760, 18.2520.

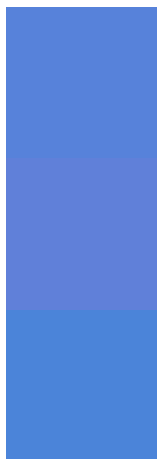


This preview shows how white text looks on a background with the YIQ color 127.1750, -53.8760,

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

127.1750, -53.8760, 18.2520

Protanopia

128.5780, -47.6410, 20.8950

Deuteranopia

124.6470, -61.2570, 14.3510



Tritanopia

119.2520, -53.9160, -14.0760

Trichromacy



Original Color

127.1750, -53.8760, 18.2520

Protanomaly

128.2680, -49.7040, 19.7360

Deuteranomaly

125.2560, -58.5980, 15.7220

Tritanomaly

121.9290, -53.9640, -2.1880

Monochromacy



Original Color

127.1750, -53.8760, 18.2520

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8640, -19.8080, 6.5600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.1750, -53.8760, 18.2520 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(87, 130, 218)` looks like.

```
.text, #text, p{  
    color:rgb(87, 130, 218)  
}
```

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(87, 130, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 130, 218) }
```

Border

The CSS property to change the border of an element to YIQ 127.1750, -53.8760, 18.2520 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(87, 130, 218) }
```


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

```
.border{ border-color:rgb(87, 130, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 130, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 130, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 130, 218);  
box-shadow:4px 4px 4px 4px rgb(87, 130,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 127.1750, -53.8760, 18.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 130, 218) }
```

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

```
.background{ background-color: rgb(87, 130,  
218) }
```

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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