

Converting Colors

YIQ(130.1440, -52.5910,
11.4810)

Have a look what the booklet for
YIQ(130.1440, -52.5910, 11.4810)
contains.

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Color

**YIQ(130.1440, -52.5910,
11.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	5789D0
RGB	87, 137, 208
RGB Percent	34%, 54%, 82%
CMY	0.6589, 0.4627, 0.1846
CMYK	0.58, 0.34, 0.00, 0.18
HSL	215°, 56%, 58%
HSV	215°, 58%, 82%
XYZ	24.2543, 24.4734, 63.0766
YIQ	130.1440, -52.5910, 11.4810

Conversions

Conversions Part 2

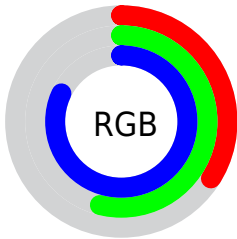
Format	Color
R _Y B	87, 122, 208
Decimal	5736912
CIE Lab	56.56, 4.39, -41.62
CIE LCh	57, 41.854, 276.019
Yxy	24.4734, 0.2169, 0.2189
Android (android.graphics.Color)	4283926992 (0xFF5789D0)
YUV	130.1440, 38.3830, -37.8373
Hunter-Lab	49.4706, 0.9407, -40.9672

Details

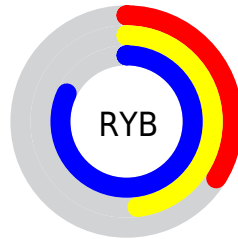
The YIQ color **130.1440, -52.5910, 11.4810** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **164.8560, 52.5910, -11.4810**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.9550, -47.6850, 10.6750**, and **72.6860, -66.1610, 4.1030** is the 20% darker color. If you saturate the color by 10%, you get **116.8210, -61.8070, 13.3050**, and if you desaturate by 10%, it is **143.4670, -43.3750, 9.6570**.

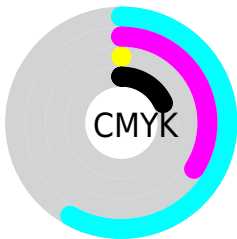
Distribution



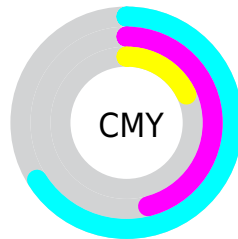
- Red (34%)
- Green (54%)
- Blue (82%)



- Red (34%)
- Yellow (48%)
- Blue (82%)



- Cyan (58%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (66%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.1440, -52.5910, 11.4810 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 130.1440, -52.5910, 11.4810 by changing the saturation by 10% instead.

■ 130.1440,
-52.5910, 11.4810

■ 130.1440,
-52.5910, 11.4810

■ 255.0000, -0.0000,
-0.0000

■ 103.0080,
-55.2040, 9.2760

■ 183.9550,
-47.6850, 10.6750

■ 72.6860, -66.1610,
4.1030

■ 209.0620,
-38.1010, 2.1790

■ 52.6330, -58.6420,
5.5020

■ 234.1690,
-28.5170, -6.3170

■ 36.7550, -44.2460,
8.9220

■ 248.4220,
-13.1120, -4.6640

■ 22.2790, -31.0420,
11.9180

■ 9.0910, -18.7090,
14.1790

■ 4.7080, -10.5010,

8.5950

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 130.1440,
-52.5910, 11.4810

■ 130.1440,
-52.5910, 11.4810

■ 116.8210,
-61.8070, 13.3050

■ 143.4670,
-43.3750, 9.6570

■ 103.4980,
-71.0230, 15.1290

■ 156.7900,
-34.1590, 7.8330

■ 89.8870, -79.3680,
17.6880

■ 170.4010,
-25.8140, 5.2740

■ 76.5640, -88.5840,
19.5120

■ 183.7240,
-16.5980, 3.4500

■ 74.1940, -90.4180,
19.7100

■ 197.0470, -7.3820,
1.6260

■ 210.3700, 1.8340,
-0.1980

■ 223.6930, 11.0500,
-2.0220

■ 237.3040, 19.3950,
-4.5810

■ 244.9460, 17.2870,
-10.4330

Harmonies

Analogous

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



109.3170, -105.2670, -14.0590



130.1440, -52.5910, 11.4810



138.6830, -8.2120, 27.6920

Triad

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



130.1440, -52.5910, 11.4810



136.0860, 58.7760, 14.1040



119.7320, -38.5530, -33.6970

Complementary

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



130.1440, -52.5910, 11.4810



164.8560, 52.5910, -11.4810

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.



127.7400, 2.5270, -29.2890



130.1440, -52.5910, 11.4810



134.1860, 51.9020, -4.4980

Square

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



130.1440, -52.5910, 11.4810



137.4510, 50.9790, 28.7630



131.6360, 32.4190, -20.3570



106.5860, -87.9320, -36.3800

Rectangle

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



130.1440, -52.5910, 11.4810



139.7200, 16.7290, 32.7370



131.6360, 32.4190, -20.3570



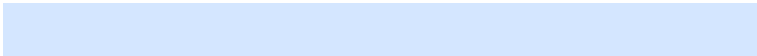
122.8710, -22.8270, -32.3550

Sweetspot

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



130.1440, -52.5910, 11.4810



227.4680, -18.7530, 3.9590



166.1210, -56.0660, -41.2020



111.4210, -11.3710, 2.3330



0.0000, 0.0000, 0.0000



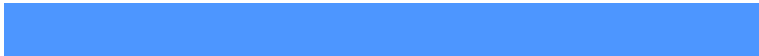
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



130.1440, -52.5910, 11.4810



140.1430, -77.2130, 17.1790



103.7840, -32.8810, 39.7510



97.6020, -4.6310, 1.3290



60.2420, -73.1780, 15.6380



14.6530, -17.8360, 3.8600

Inverse Universe

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



128.8790, 56.0660, 41.2020



138.5440, 82.6550, 60.4390



191.2160, 32.8810, -39.7510



97.7450, 5.2720, 3.5760



58.2120, 77.6580, 57.3860



14.1970, 18.9790, 13.9790

Previews

White Background



This preview shows how the YIQ color 130.1440, -52.5910, 11.4810 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 130.1440, -52.5910, 11.4810 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 130.1440, -52.5910, 11.4810

Background



This preview shows how black text looks on a background with the YIQ color 130.1440, -52.5910, 11.4810.

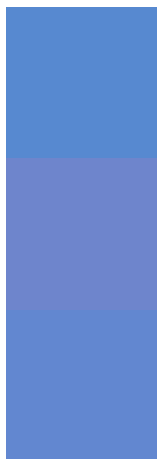


This preview shows how white text looks on a background with the YIQ color 130.1440, -52.5910,

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

130.1440, -52.5910, 11.4810

Protanopia

134.2170, -36.4990, 17.2050

Deuteranopia

132.2590, -45.4850, 14.8590



Tritanopia

124.1490, -52.1280, -13.4400

Trichromacy



Original Color

130.1440, -52.5910, 11.4810

Protanomaly

132.5260, -41.8630, 15.2970

Deuteranomaly

131.6500, -48.1440, 13.4880

Tritanomaly

126.2450, -52.0380, -4.0540

Monochromacy



Original Color

130.1440, -52.5910, 11.4810

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.1690, -19.3490, 3.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1440, -52.5910, 11.4810 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, 137, 208)` looks like.

```
.text, #text, p{  
    color:rgb(87, 137, 208)  
}
```

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, 137, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 137, 208) }
```

Border

The CSS property to change the border of an element to YIQ 130.1440, -52.5910, 11.4810 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, 137, 208) }
```


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

```
.border{ border-color:rgb(87, 137, 208) }
```

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

Here you see how a box with a 4 pixel rgb(87, 137, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 137, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 137, 208);  
box-shadow:4px 4px 4px 4px rgb(87, 137,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1440, -52.5910, 11.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 137, 208) }
```

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

```
.background{ background-color: rgb(87, 137,  
208) }
```

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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