

Converting Colors

YIQ(129.3660, -53.0960,
15.1280)

Have a look what the booklet for
YIQ(129.3660, -53.0960, 15.1280)
contains.

YIQ(129.3660, -53.0960, 15.1280)	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(129.3660, -53.0960,
15.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	5886D6
RGB	88, 134, 214
RGB Percent	35%, 53%, 84%
CMY	0.6549, 0.4744, 0.1611
CMYK	0.59, 0.37, 0.00, 0.16
HSL	218°, 61%, 59%
HSV	218°, 59%, 84%
XYZ	24.6796, 23.9811, 66.8998
YIQ	129.3660, -53.0960, 15.1280

Conversions

Conversions Part 2

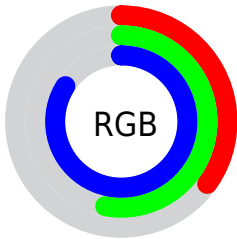
Format	Color
R_{YB}	88, 122, 214
Decimal	5801686
CIE _{Lab}	56.07, 8.34, -45.77
CIE _{LCh}	56, 46.525, 280.331
Yxy	23.9811, 0.2136, 0.2075
Android (android.graphics.Color)	4283991766 (0xFF5886D6)
YUV	129.3660, 41.7246, -36.2780
Hunter-Lab	48.9705, 4.2601, -46.7183

Details

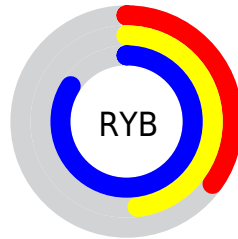
The YIQ color **129.3660, -53.0960, 15.1280** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **172.6340, 53.0960, -15.1280**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7920, -45.6680, 12.6680**, and **70.7120, -69.0500, 6.9020** is the 20% darker color. If you saturate the color by 10%, you get **114.8690, -61.7620, 17.9980**, and if you desaturate by 10%, it is **143.8630, -44.4300, 12.2580**.

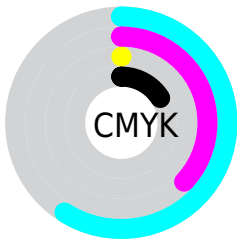
Distribution



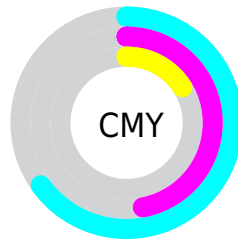
- Red (35%)
- Green (53%)
- Blue (84%)



- Red (35%)
- Yellow (48%)
- Blue (84%)



- Cyan (59%)
- Magenta (37%)
- Yellow (0%)
- Black (16%)



- Cyan (65%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.3660, -53.0960, 15.1280 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 129.3660, -53.0960, 15.1280 by changing the saturation by 10% instead.

■ 129.3660,
-53.0960, 15.1280

■ 129.3660,
-53.0960, 15.1280

■ 255.0000, -0.0000,
-0.0000

■ 101.9310,
-56.3050, 12.7110

■ 182.7920,
-45.6680, 12.6680

■ 70.7120, -69.0500,
6.9020

■ 207.3120,
-35.8090, 4.6950

■ 51.4420, -59.4220,
8.6260

■ 233.0060,
-26.5000, -4.3240

■ 36.1510, -45.3010,
11.5230

■ 249.0200,
-11.9200, -4.2400

■ 22.2620, -32.3720,
13.9960

■ 9.5470, -19.9930,
15.4230

■ 5.2780, -12.1060,

10.1500

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 129.3660,
-53.0960, 15.1280

■ 129.3660,
-53.0960, 15.1280

■ 114.8690,
-61.7620, 17.9980

■ 143.8630,
-44.4300, 12.2580

■ 100.6600,
-71.2990, 20.1330

■ 158.0720,
-34.8930, 10.1230

■ 86.1630, -79.9650,
23.0030

■ 172.5690,
-26.2270, 7.2530

■ 71.9540, -89.5020,
25.1380

■ 186.7780,
-16.6900, 5.1180

■ 70.1820, -90.1440,
25.7600

■ 201.2750, -8.0240,
2.2480

■ 215.1850, 0.9170,
-0.0990

■ 229.9810, 10.1790,
-2.7570

■ 243.2820, 16.4610,
-6.4750

■ 250.3260, 13.1610,
-12.7510

Harmonies

Analogous

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



109.6420, -107.5600, -11.0480



129.3660, -53.0960, 15.1280



137.9550, -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.



129.3660, -53.0960, 15.1280



133.6690, 64.3240, 12.6760



110.5660, -58.8170, -40.9050

Complementary

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



129.3660, -53.0960, 15.1280



172.6340, 53.0960, -15.1280

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.



124.1690, -3.2950, -33.9110



129.3660, -53.0960, 15.1280



132.2200, 54.5620, -8.6540

Square

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



129.3660, -53.0960, 15.1280



134.8110, 58.7730, 30.6850



129.1750, 32.0990, -25.5730



107.8570, -90.1330, -35.0370

Rectangle

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



129.3660, -53.0960, 15.1280



138.3620, 23.7890, 36.9490



129.1750, 32.0990, -25.5730



117.4780, -35.0220, -37.1180

Sweetspot

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



129.3660, -53.0960, 15.1280



224.2230, -19.4410, 5.4150



171.0820, -60.3300, -41.0180



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.



129.3660, -53.0960, 15.1280



133.3760, -76.2510, 21.7730



107.4470, -30.3140, 42.7900



99.6020, -4.6310, 1.3290



55.8880, -71.9410, 20.7550



14.2940, -18.2030, 5.0050

Inverse Universe

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



130.9180, 60.3300, 41.0180



135.6430, 86.6900, 58.8980



194.5530, 30.3140, -42.7900



99.7450, 5.2720, 3.5760



58.1970, 82.0140, 55.5340



14.6810, 20.4920, 14.0920

Previews

White Background



This preview shows how the YIQ color 129.3660, -53.0960, 15.1280 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 129.3660, -53.0960, 15.1280 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 129.3660, -53.0960, 15.1280

Background



This preview shows how black text looks on a background with the YIQ color 129.3660, -53.0960, 15.1280.

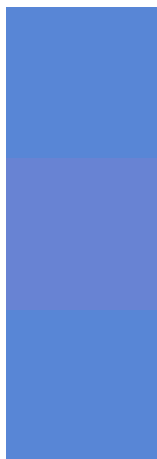


This preview shows how white text looks on a background with the YIQ color 129.3660, -53.0960, 15.1280.

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

129.3660, -53.0960, 15.1280

Protanopia

132.0470, -41.7720, 19.1560

Deuteranopia

129.3660, -53.0960, 15.1280



Tritanopia

122.7360, -52.4030, -13.9630

Trichromacy



Original Color

129.3660, -53.0960, 15.1280

Protanomaly

130.9540, -45.9440, 17.6720

Deuteranomaly

129.3660, -53.0960, 15.1280

Tritanomaly

125.4730, -52.6800, -3.4320

Monochromacy



Original Color

129.3660, -53.0960, 15.1280

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2230, -19.4410, 5.4150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.3660, -53.0960, 15.1280 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, 134, 214)` looks like.

```
.text, #text, p{  
    color:rgb(88, 134, 214)  
}
```

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, 134, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 134, 214) }
```

Border

The CSS property to change the border of an element to YIQ 129.3660, -53.0960, 15.1280 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, 134, 214) }
```


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

```
.border{ border-color:rgb(88, 134, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 134, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 134, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 134, 214);  
box-shadow:4px 4px 4px 4px rgb(88, 134,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 129.3660, -53.0960, 15.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 134, 214) }
```

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

```
.background{ background-color: rgb(88, 134,  
214) }
```

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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