

Converting Colors

YIQ(148.3570, -58.0450, 0.1870)

Have a look what the booklet for
YIQ(148.3570, -58.0450, 0.1870)
contains.

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Color

**YIQ(148.3570, -58.0450,
0.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA4D5
RGB	93, 164, 213
RGB Percent	36%, 64%, 84%
CMY	0.6354, 0.3567, 0.1650
CMYK	0.56, 0.23, 0.00, 0.16
HSL	204°, 59%, 60%
HSV	204°, 56%, 84%
XYZ	29.7930, 33.6876, 67.8374
YIQ	148.3570, -58.0450, 0.1870

Conversions

Conversions Part 2

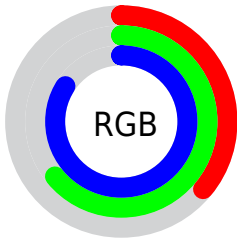
Format	Color
R_{YB}	93, 138, 213
Decimal	6137045
CIE _{Lab}	64.71, -8.26, -31.66
CIE _{LCh}	65, 32.715, 255.381
Yxy	33.6876, 0.2269, 0.2565
Android (android.graphics.Color)	4284327125 (0xFF5DA4D5)
YUV	148.3570, 31.8690, -48.5481
Hunter-Lab	58.0410, -9.9460, -28.6685

Details

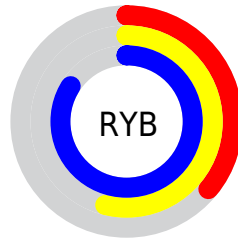
The YIQ color **148.3570, -58.0450, 0.1870** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **157.6430, 58.0450, -0.1870**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7720, -52.0840, -3.2200**, and **90.6330, -67.8100, -4.5620** is the 20% darker color. If you saturate the color by 10%, you get **136.7950, -68.0860, 0.4420**, and if you desaturate by 10%, it is **159.9190, -48.0040, -0.0680**.

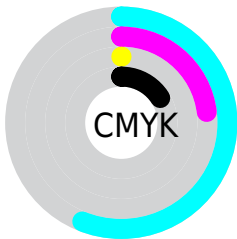
Distribution



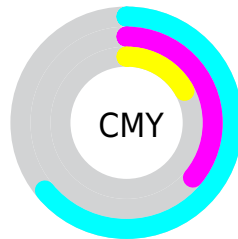
- Red (36%)
- Green (64%)
- Blue (84%)



- Red (36%)
- Yellow (54%)
- Blue (84%)



- Cyan (56%)
- Magenta (23%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.3570, -58.0450, 0.1870 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 148.3570, -58.0450, 0.1870 by changing the saturation by 10% instead.

■ 148.3570,
-58.0450, 0.1870

■ 148.3570,
-58.0450, 0.1870

■ 255.0000, -0.0000,
-0.0000

■ 120.6340,
-60.3830, -1.4950

■ 202.7720,
-52.0840, -3.2200

■ 90.6330, -67.8100,
-4.5620

■ 227.8790,
-42.5000, -11.7160

■ 66.7040, -66.5720,
-4.9720

■ 241.2460,
-27.4160, -9.7520

■ 50.2390, -51.9010,
-1.0290

■ 250.2160, -9.5360,
-3.3920

■ 34.5890, -38.1470,
3.0130

■ 20.2270, -25.2640,
6.3200

■ 5.3920, -12.4270,

10.4610

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 148.3570,
-58.0450, 0.1870

■ 148.3570,
-58.0450, 0.1870

■ 136.7950,
-68.0860, 0.4420

■ 159.9190,
-48.0040, -0.0680

■ 125.5210,
-78.9980, -0.0380

■ 171.1930,
-37.0920, 0.4120

■ 113.9590,
-89.0390, 0.2170

■ 182.7550,
-27.0510, 0.1570

■ 102.3970,
-99.0800, 0.4720

■ 194.3170,
-17.0100, -0.0980

■ 98.2440,
-103.0230, 0.3450

■ 205.2920, -6.6940,
0.1700

■ 217.1530, 3.9430,
0.1270

■ 228.7150, 13.9840,
-0.1280

■ 237.2980, 19.5320,
-1.5560

■ 242.5810, 17.0570,
-6.2630

Harmonies

Analogous

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



138.5080, -78.1240, -15.8840



148.3570, -58.0450, 0.1870



157.1270, -27.5580, 14.8580

Triad

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



148.3570, -58.0450, 0.1870



159.8320, 45.1120, 19.4480



149.7100, -5.9560, -24.2280

Complementary

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



148.3570, -58.0450, 0.1870



157.6430, 58.0450, -0.1870

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.



153.7580, 20.4520, -18.2360



148.3570, -58.0450, 0.1870



158.2970, 47.6360, 6.7400

Square

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



148.3570, -58.0450, 0.1870



160.8490, 29.2470, 26.1350



156.0750, 38.9730, -6.9710



144.8450, -37.1330, -26.3890

Rectangle

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



148.3570, -58.0450, 0.1870



160.4780, -6.3770, 21.9670



156.0750, 38.9730, -6.9710



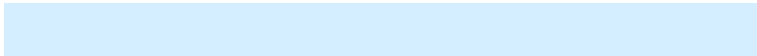
151.0270, 3.3970, -23.0270

Sweetspot

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



148.3570, -58.0450, 0.1870



231.5770, -20.6780, 0.2980



168.9120, -48.4080, -47.8320



113.7690, -12.4710, 0.2410



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.



148.3570, -58.0450, 0.1870



161.5960, -83.5830, 0.4570



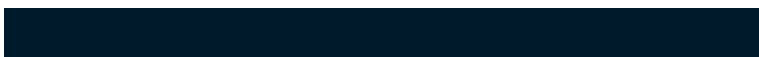
113.7240, -41.8200, 31.0440



101.3630, -5.4560, -0.2400



78.7810, -82.6660, 0.3580



20.1640, -20.9530, -0.2250

Inverse Universe

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



136.9740, 48.7290, 47.5210



145.3550, 70.3660, 68.3980



192.2760, 41.8200, -31.0440



100.0870, 4.3090, 4.5090



62.6430, 69.4950, 67.6630



15.8210, 17.2820, 17.2020

Previews

White Background



This preview shows how the YIQ color 148.3570, -58.0450, 0.1870 looks on a white background.

Color Contrast Check

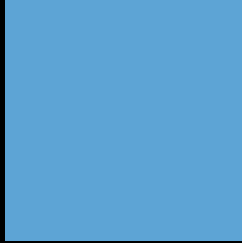
Large Text (above 18pt) WCAG AA × Fail

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 148.3570, -58.0450, 0.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

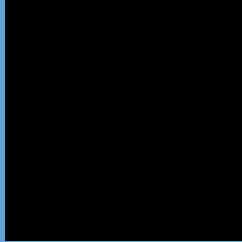
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 148.3570, -58.0450, 0.1870

Background



This preview shows how black text looks on a background with the YIQ color 148.3570, -58.0450, 0.1870.

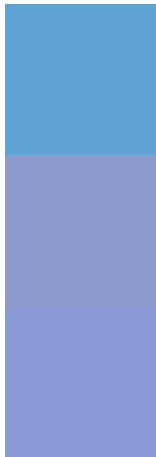


This preview shows how white text looks on a background with the YIQ color 148.3570, -58.0450,

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

148.3570, -58.0450, 0.1870

Protanopia

156.3400, -23.8440, 13.6280

Deuteranopia

155.8710, -29.7130, 15.3670



Tritanopia

144.2840, -56.9420, -14.3020

Trichromacy



Original Color

148.3570, -58.0450, 0.1870

Protanomaly

153.6480, -36.6350, 8.6530

Deuteranomaly

153.3210, -40.0280, 9.5720

Tritanomaly

145.5600, -57.5390, -8.9870

Monochromacy



Original Color

148.3570, -58.0450, 0.1870

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2780, -21.2740, 0.0860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.3570, -58.0450, 0.1870 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(93, 164, 213)` looks like.

```
.text, #text, p{  
    color:rgb(93, 164, 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(93, 164, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 164, 213) }
```

Border

The CSS property to change the border of an element to YIQ 148.3570, -58.0450, 0.1870 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(93, 164, 213) }
```


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

```
.border{ border-color:rgb(93, 164, 213) }
```

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

Here you see how a box with a 4 pixel rgb(93, 164, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 164, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 164, 213);  
box-shadow:4px 4px 4px 4px rgb(93, 164,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 148.3570, -58.0450, 0.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 164, 213) }
```

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

```
.background{ background-color: rgb(93, 164,  
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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