

Converting Colors

YIQ(148.4160, -56.5330, 5.8270)

Have a look what the booklet for
YIQ(148.4160, -56.5330, 5.8270)
contains.

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Color

**YIQ(148.4160, -56.5330,
5.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	62A0DD
RGB	98, 160, 221
RGB Percent	38%, 63%, 87%
CMY	0.6158, 0.3724, 0.1336
CMYK	0.56, 0.28, 0.00, 0.13
HSL	210°, 64%, 63%
HSV	210°, 56%, 87%
XYZ	30.6513, 32.9626, 73.1052
YIQ	148.4160, -56.5330, 5.8270

Conversions

Conversions Part 2

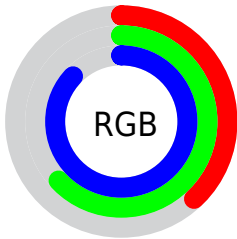
Format	Color
R_{YB}	98, 139, 221
Decimal	6463709
CIE _{Lab}	64.13, -2.51, -36.97
CIE _{LCh}	64, 37.059, 266.113
Yxy	32.9626, 0.2242, 0.2411
Android (android.graphics.Color)	4284653789 (0xFF62A0DD)
YUV	148.4160, 35.7839, -44.2148
Hunter-Lab	57.4131, -5.1766, -35.3060

Details

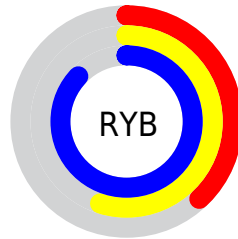
The YIQ color **148.4160, -56.5330, 5.8270** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **170.5840, 56.5330, -5.8270**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9190, -48.0040, -0.0680**, and **92.1760, -64.7850, 1.1910** is the 20% darker color. If you saturate the color by 10%, you get **135.3810, -66.6200, 6.9160**, and if you desaturate by 10%, it is **161.4510, -46.4460, 4.7380**.

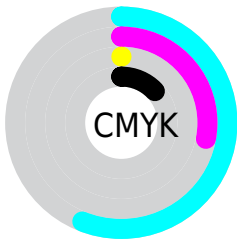
Distribution



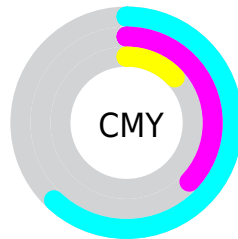
- Red (38%)
- Green (63%)
- Blue (87%)



- Red (38%)
- Yellow (55%)
- Blue (87%)



- Cyan (56%)
- Magenta (28%)
- Yellow (0%)
- Black (13%)



- Cyan (62%)
- Magenta (37%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.4160, -56.5330, 5.8270 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 148.4160, -56.5330, 5.8270 by changing the saturation by 10% instead.

■ 148.4160,
-56.5330, 5.8270

■ 148.4160,
-56.5330, 5.8270

■ 255.0000, -0.0000,
-0.0000

■ 120.9920,
-58.2750, 4.3570

■ 201.9190,
-48.0040, -0.0680

■ 92.1760, -64.7850,
1.1910

■ 227.0260,
-38.4200, -8.5640

■ 65.7410, -67.9940,
-1.2260

■ 243.0400,
-23.8400, -8.4800

■ 49.2760, -53.3230,
2.7170

■ 251.7110, -6.5560,
-2.3320

■ 33.5120, -39.2480,
6.4480

■ 19.1500, -26.3650,
9.7550

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 148.4160,
-56.5330, 5.8270

■ 148.4160,
-56.5330, 5.8270

■ 135.3810,
-66.6200, 6.9160

■ 161.4510,
-46.4460, 4.7380

■ 122.3460,
-76.7070, 8.0050

■ 174.4860,
-36.3590, 3.6490

■ 109.3110,
-86.7940, 9.0940

■ 187.5210,
-26.2720, 2.5600

■ 96.2760, -96.8810,
10.1830

■ 200.5560,
-16.1850, 1.4710

■ 90.3510,
-101.4660, 10.6780

■ 213.5910, -6.0980,
0.3820

■ 226.9250, 4.5850,
-0.4950

■ 239.9600, 14.6720,
-1.5840

■ 247.0150, 12.8390,
-6.9130

■ 251.1240, 10.9140,
-10.5740

Harmonies

Analogous

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



129.9170, -98.3890, -17.5650



148.4160, -56.5330, 5.8270



157.1330, -18.5270, 21.8970

Triad

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



148.4160, -56.5330, 5.8270



156.9700, 53.4110, 17.7230



144.8330, -19.6640, -29.1040

Complementary

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



148.4160, -56.5330, 5.8270



170.5840, 56.5330, -5.8270

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.



149.8770, 12.5670, -24.0170



148.4160, -56.5330, 5.8270



155.4020, 51.5340, 2.1740

Square

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



148.4160, -56.5330, 5.8270



158.9490, 40.7090, 27.6610



153.4890, 37.5070, -13.4450



136.8900, -59.3690, -30.8970

Rectangle

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



148.4160, -56.5330, 5.8270



159.3270, 4.5340, 27.9740



153.4890, 37.5070, -13.4450



146.8190, -7.8810, -27.8890

Sweetspot

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



148.4160, -56.5330, 5.8270



229.8160, -19.8530, 1.8670



176.9270, -52.7640, -45.9800



112.5950, -11.9210, 1.2870



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.



148.4160, -56.5330, 5.8270



153.9760, -78.5410, 8.2030



113.1960, -40.0330, 37.2070



103.1890, -4.9060, 0.8060



71.3780, -79.7330, 7.7790



18.7450, -21.0910, 2.2770

Inverse Universe

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



141.8450, 53.4060, 45.3580



144.9330, 74.3100, 62.9980



205.8040, 40.0330, -37.2070



102.8590, 4.9510, 3.8870



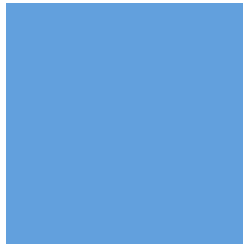
61.7590, 74.8600, 64.0440



16.3760, 20.0330, 16.9050

Previews

White Background



This preview shows how the YIQ color 148.4160, -56.5330, 5.8270 looks on a white background.

Color Contrast Check

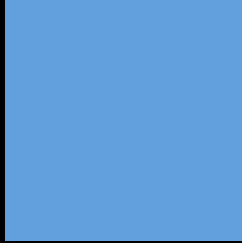
Large Text (above 18pt) WCAG AA × Fail

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 148.4160, -56.5330, 5.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

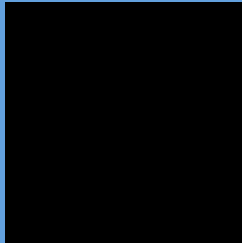
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 148.4160, -56.5330, 5.8270

Background



This preview shows how black text looks on a background with the YIQ color 148.4160, -56.5330, 5.8270.

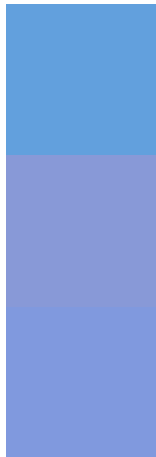


This preview shows how white text looks on a background with the YIQ color 148.4160, -56.5330,

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

148.4160, -56.5330, 5.8270

Protanopia

154.9850, -30.0340, 15.6780

Deuteranopia

153.3910, -37.0490, 16.1590



Tritanopia

144.0670, -54.8330, -13.9770

Trichromacy



Original Color

148.4160, -56.5330, 5.8270

Protanomaly

152.7880, -39.8450, 11.7630

Deuteranomaly

151.8630, -44.4300, 12.2580

Tritanomaly

145.5110, -55.8430, -6.6830

Monochromacy



Original Color

148.4160, -56.5330, 5.8270

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.0440, -20.4950, 2.4890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.4160, -56.5330, 5.8270 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(98, 160, 221)` looks like.

```
.text, #text, p{  
    color:rgb(98, 160, 221)  
}
```

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(98, 160, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 160, 221) }
```

Border

The CSS property to change the border of an element to YIQ 148.4160, -56.5330, 5.8270 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(98, 160, 221) }
```


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

```
.border{ border-color:rgb(98, 160, 221) }
```

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

Here you see how a box with a 4 pixel rgb(98, 160, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 160, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 160, 221);  
box-shadow:4px 4px 4px 4px rgb(98, 160,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 148.4160, -56.5330, 5.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 160, 221) }
```

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

```
.background{ background-color: rgb(98, 160,  
221) }
```

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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