

Converting Colors

YIQ(149.9330, -50.6190, 8.7810)

Have a look what the booklet for
YIQ(149.9330, -50.6190, 8.7810)
contains.

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Color

**YIQ(149.9330, -50.6190,
8.7810)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9EDD
RGB	107, 158, 221
RGB Percent	42%, 62%, 87%
CMY	0.5805, 0.3803, 0.1336
CMYK	0.52, 0.28, 0.00, 0.13
HSL	213°, 63%, 64%
HSV	213°, 52%, 87%
XYZ	31.3341, 32.8027, 73.0422
YIQ	149.9330, -50.6190, 8.7810

Conversions

Conversions Part 2

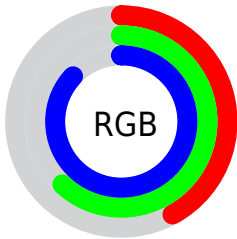
Format	Color
RYB	107, 142, 221
Decimal	7053021
CIELab	64.00, 0.57, -37.15
CIELCh	64, 37.151, 270.886
Yxy	32.8027, 0.2284, 0.2391
Android (android.graphics.Color)	4285243101 (0xFF6B9EDD)
YUV	149.9330, 35.0360, -37.6522
Hunter-Lab	57.2736, -2.5724, -35.5222

Details

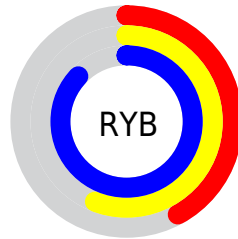
The YIQ color **149.9330, -50.6190, 8.7810** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **178.0670, 50.6190, -8.7810**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.5500, -42.4110, 3.1970**, and **95.4870, -55.2950, 5.4170** is the 20% darker color. If you saturate the color by 10%, you get **136.3110, -60.4310, 10.3930**, and if you desaturate by 10%, it is **163.5550, -40.8070, 7.1690**.

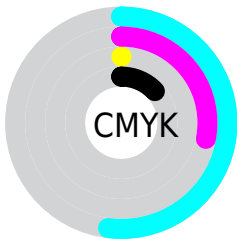
Distribution



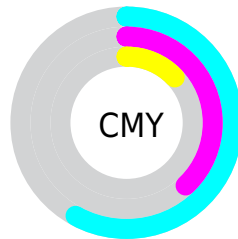
- Red (42%)
- Green (62%)
- Blue (87%)



- Red (42%)
- Yellow (56%)
- Blue (87%)



- Cyan (52%)
- Magenta (28%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (38%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.9330, -50.6190, 8.7810 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 149.9330, -50.6190, 8.7810 by changing the saturation by 10% instead.

■ 149.9330,
-50.6190, 8.7810

■ 149.9330,
-50.6190, 8.7810

■ 255.0000, -0.0000,
-0.0000

■ 122.8080,
-51.7650, 7.5230

■ 202.5500,
-42.4110, 3.1970

■ 95.4870, -55.2950,
5.4170

■ 228.2440,
-33.1020, -5.8220

■ 64.5670, -67.4440,
-0.1800

■ 245.1330,
-19.6680, -6.9960

■ 48.1020, -52.7730,
3.7630

■ 254.1030, -1.7880,
-0.6360

■ 32.9250, -38.9730,
6.9710

■ 17.9760, -25.8150,
10.8010

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 149.9330,
-50.6190, 8.7810

■ 149.9330,
-50.6190, 8.7810

■ 136.3110,
-60.4310, 10.3930

■ 163.5550,
-40.8070, 7.1690

■ 122.6890,
-70.2430, 12.0050

■ 177.1770,
-30.9950, 5.5570

■ 108.4800,
-79.7800, 14.1400

■ 191.3860,
-21.4580, 3.4220

■ 94.8580, -89.5920,
15.7520

■ 205.0080,
-11.6460, 1.8100

■ 83.3070, -98.1660,
16.9540

■ 218.6300, -1.8340,
0.1980

■ 232.5510, 8.5740,
-1.2020

■ 244.0800, 14.2140,
-4.2980

■ 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.



133.5590, -91.3290, -13.3530



149.9330, -50.6190, 8.7810



157.7100, -12.8420, 23.4940

Triad

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



149.9330, -50.6190, 8.7810



156.6880, 54.1450, 15.4330



143.8970, -25.7160, -29.5560

Complementary

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



149.9330, -50.6190, 8.7810



178.0670, 50.6190, -8.7810

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.



148.8980, 8.0740, -25.1900



149.9330, -50.6190, 8.7810



154.9240, 49.8840, -0.9640

Square

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



149.9330, -50.6190, 8.7810



158.2760, 44.1020, 26.7420



152.4670, 34.5730, -15.3390



134.4700, -66.9340, -31.4620

Rectangle

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



149.9330, -50.6190, 8.7810



159.3770, 10.2650, 28.7370



152.4670, 34.5730, -15.3390



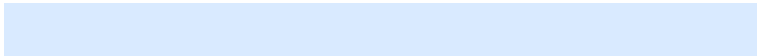
145.7690, -13.6120, -28.6520

Sweetspot

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



149.9330, -50.6190, 8.7810



231.3110, -16.8730, 2.9270



181.1000, -51.5730, -40.0290



113.4920, -10.1330, 1.9230



0.0000, 0.0000, 0.0000



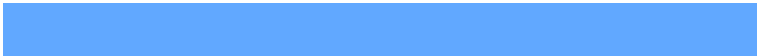
128.0000, -0.0000, -0.0000

Same Dimension

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



149.9330, -50.6190, 8.7810



156.6890, -70.2430, 12.0050



121.7900, -33.0180, 36.7260



103.1890, -4.9060, 0.8060



65.5080, -76.9830, 13.0090



17.5710, -20.5410, 3.3230

Inverse Universe

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



146.9000, 51.5730, 40.0290



152.3360, 71.3770, 55.5770



206.2100, 33.0180, -36.7260



102.8590, 4.9510, 3.8870



60.6190, 78.0700, 60.9340



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 149.9330, -50.6190, 8.7810 looks on a white background.

Color Contrast Check

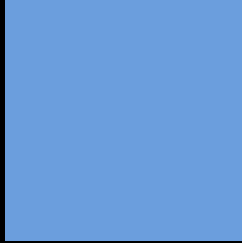
Large Text (above 18pt) WCAG AA × Fail

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 149.9330, -50.6190, 8.7810 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 149.9330, -50.6190, 8.7810

Background



This preview shows how black text looks on a background with the YIQ color 149.9330, -50.6190, 8.7810.

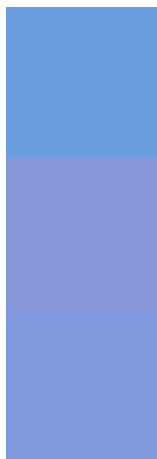


This preview shows how white text looks on a background with the YIQ color 149.9330, -50.6190, 8.7810.

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

149.9330, -50.6190, 8.7810

Protanopia

154.2130, -30.6760, 16.3000

Deuteranopia

153.3910, -37.0490, 16.1590



Tritanopia

145.6550, -47.6810, -11.4330

Trichromacy



Original Color

149.9330, -50.6190, 8.7810

Protanomaly

152.6250, -37.8280, 13.7560

Deuteranomaly

152.1730, -42.3670, 13.4170

Tritanomaly

147.0990, -48.6910, -4.1390

Monochromacy



Original Color

149.9330, -50.6190, 8.7810

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9410, -18.7070, 3.1250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9330, -50.6190, 8.7810 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(107, 158, 221)` looks like.

```
.text, #text, p{  
    color:rgb(107, 158, 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(107, 158, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 158, 221) }
```

Border

The CSS property to change the border of an element to YIQ 149.9330, -50.6190, 8.7810 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(107, 158, 221) }
```


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

```
.border{ border-color:rgb(107, 158, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 158, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 158, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 158, 221);  
box-shadow:4px 4px 4px 4px rgb(107, 158,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9330, -50.6190, 8.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 158, 221) }
```

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

```
.background{ background-color: rgb(107,  
158, 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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