

Converting Colors

YIQ(149.1070, -51.1690, 7.7350)

Have a look what the booklet for
YIQ(149.1070, -51.1690, 7.7350)
contains.

YIQ(149.1070, -51.1690, 7.7350)	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(149.1070, -51.1690,
7.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	699EDB
RGB	105, 158, 219
RGB Percent	41%, 62%, 86%
CMY	0.5883, 0.3803, 0.1414
CMYK	0.52, 0.28, 0.00, 0.14
HSL	212°, 61%, 64%
HSV	212°, 52%, 86%
XYZ	30.8315, 32.5744, 71.6363
YIQ	149.1070, -51.1690, 7.7350

Conversions

Conversions Part 2

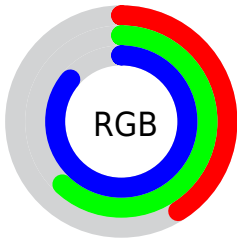
Format	Color
RYB	105, 141, 219
Decimal	6921947
CIELab	63.81, -0.48, -36.34
CIELCh	64, 36.340, 269.243
Yxy	32.5744, 0.2283, 0.2412
Android (android.graphics.Color)	4285112027 (0xFF699EDB)
YUV	149.1070, 34.4572, -38.6818
Hunter-Lab	57.0740, -3.4532, -34.4659

Details

The YIQ color **149.1070, -51.1690, 7.7350** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **174.8930, 51.1690, -7.7350**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **201.9520, -43.6030, 2.7730**, and **94.6610, -55.8450, 4.3710** is the 20% darker color. If you saturate the color by 10%, you get **135.4850, -60.9810, 9.3470**, and if you desaturate by 10%, it is **162.7290, -41.3570, 6.1230**.

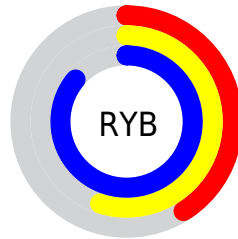
Distribution



Red (41%)

Green (62%)

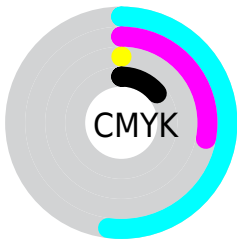
Blue (86%)



Red (41%)

Yellow (55%)

Blue (86%)

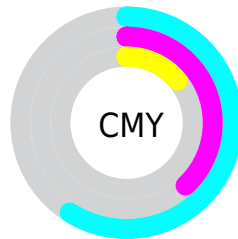


Cyan (52%)

Magenta (28%)

Yellow (0%)

Black (14%)



Cyan (59%)

Magenta (38%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.1070, -51.1690, 7.7350 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 149.1070, -51.1690, 7.7350 by changing the saturation by 10% instead.

■ 149.1070,
-51.1690, 7.7350

■ 149.1070,
-51.1690, 7.7350

■ 255.0000, -0.0000,
-0.0000

■ 121.9820,
-52.3150, 6.4770

■ 201.9520,
-43.6030, 2.7730

■ 94.6610, -55.8450,
4.3710

■ 227.6460,
-34.2940, -6.2460

■ 64.3390, -66.8020,
-0.8020

■ 244.5350,
-20.8600, -7.4200

■ 47.8740, -52.1310,
3.1410

■ 253.5050, -2.9800,
-1.0600

■ 32.8110, -38.6520,
6.6600

■ 17.7480, -25.1730,
10.1790

■ 6.4350, -13.9860,

11.1820

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 149.1070,
-51.1690, 7.7350

■ 149.1070,
-51.1690, 7.7350

■ 135.4850,
-60.9810, 9.3470

■ 162.7290,
-41.3570, 6.1230

■ 122.4500,
-71.0680, 10.4360

■ 175.7640,
-31.2700, 5.0340

■ 108.8280,
-80.8800, 12.0480

■ 189.3860,
-21.4580, 3.4220

■ 95.2060, -90.6920,
13.6600

■ 203.0080,
-11.6460, 1.8100

■ 84.8400, -98.3490,
14.7630

■ 216.3310, -2.4300,
-0.0140

■ 229.3660, 7.6570,
-1.1030

■ 242.0910, 15.6810,
-3.3510

■ 249.1350, 12.3810,
-9.6270

■ 250.8960, 11.5560,
-11.1960

Harmonies

Analogous

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



134.1140, -88.5780, -13.6500



149.1070, -51.1690, 7.7350



156.6990, -14.3090, 22.5470

Triad

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



149.1070, -51.1690, 7.7350



156.3180, 52.3110, 15.6310



143.9790, -23.0110, -29.0190

Complementary

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



149.1070, -51.1690, 7.7350



174.8930, 51.1690, -7.7350

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.



148.9090, 9.5410, -24.2430



149.1070, -51.1690, 7.7350



154.5650, 49.5170, 0.1810

Square

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



149.1070, -51.1690, 7.7350



157.9060, 42.2680, 26.9400



151.9940, 34.5270, -14.5050



135.7480, -61.8450, -30.0770

Rectangle

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



149.1070, -51.1690, 7.7350



159.0670, 8.2020, 27.5780



151.9940, 34.5270, -14.5050



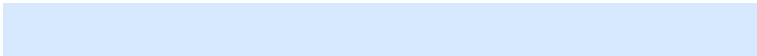
145.9650, -11.2280, -27.8040

Sweetspot

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



149.1070, -51.1690, 7.7350



229.8270, -18.3860, 2.8140



178.8720, -50.9310, -40.6510



112.8940, -11.3250, 1.4990



0.0000, 0.0000, 0.0000



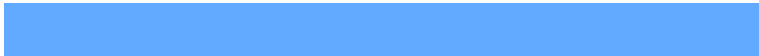
128.0000, -0.0000, -0.0000

Same Dimension

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



149.1070, -51.1690, 7.7350



157.8630, -70.7930, 10.9590



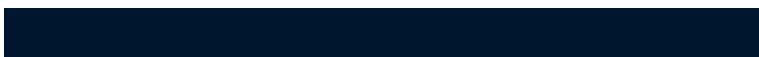
119.1920, -34.2100, 36.3020



103.1890, -4.9060, 0.8060



67.2690, -77.8080, 11.4400



17.5710, -20.5410, 3.3230

Inverse Universe

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



145.1280, 50.9310, 40.6510



152.5640, 70.7350, 56.1990



204.8080, 34.2100, -36.3020



102.8590, 4.9510, 3.8870



60.9610, 77.1070, 61.8670



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 149.1070, -51.1690, 7.7350 looks on a white background.

Color Contrast Check

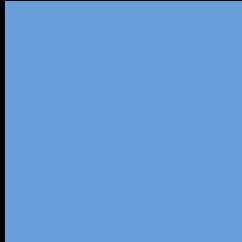
Large Text (above 18pt) WCAG AA × Fail

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 149.1070, -51.1690, 7.7350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

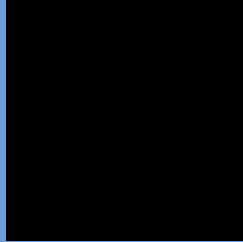
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

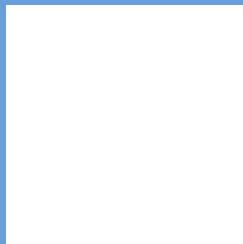
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 149.1070, -51.1690, 7.7350

Background



This preview shows how black text looks on a background with the YIQ color 149.1070, -51.1690, 7.7350.

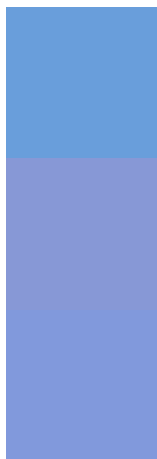


This preview shows how white text looks on a background with the YIQ color 149.1070, -51.1690, 7.7350.

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

149.1070, -51.1690, 7.7350

Protanopia

153.9850, -30.0340, 15.6780

Deuteranopia

153.4620, -35.8110, 15.7490



Tritanopia

145.0570, -48.8730, -11.8570

Trichromacy



Original Color

149.1070, -51.1690, 7.7350

Protanomaly

152.0980, -37.7820, 12.9220

Deuteranomaly

151.9450, -41.7250, 12.7950

Tritanomaly

146.5010, -49.8830, -4.5630

Monochromacy



Original Color

149.1070, -51.1690, 7.7350

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.8270, -18.3860, 2.8140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.1070, -51.1690, 7.7350 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(105, 158, 219)` looks like.

```
.text, #text, p{  
    color:rgb(105, 158, 219)  
}
```

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(105, 158, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 158, 219) }
```

Border

The CSS property to change the border of an element to YIQ 149.1070, -51.1690, 7.7350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

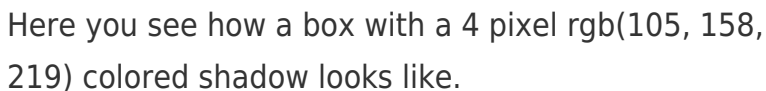
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 158, 219) }
```


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

```
.border{ border-color:rgb(105, 158, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 158, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 158, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 158, 219); box-shadow:4px 4px 4px 4px rgb(105, 158, 219) }
```

Background

The CSS property to change the background color of an element to YIQ 149.1070, -51.1690, 7.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 158, 219) }
```

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

```
.background{ background-color: rgb(105,  
158, 219) }
```

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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