

Converting Colors

YIQ(149.0500, -55.0220,
16.9940)

Have a look what the booklet for
YIQ(149.0500, -55.0220, 16.9940)
contains.

YIQ(149.0500, -55.0220, 16.9940)	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(149.0500, -55.0220,
16.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	6B99EF
RGB	107, 153, 239
RGB Percent	42%, 60%, 94%
CMY	0.5804, 0.3999, 0.0630
CMYK	0.55, 0.36, 0.00, 0.06
HSL	219°, 80%, 68%
HSV	219°, 55%, 94%
XYZ	33.0254, 32.1415, 86.0684
YIQ	149.0500, -55.0220, 16.9940

Conversions

Conversions Part 2

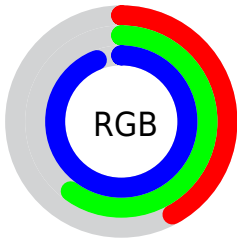
Format	Color
RYB	107, 141, 239
Decimal	7051759
CIELab	63.46, 9.01, -47.92
CIElCh	63, 48.764, 280.651
Yxy	32.1415, 0.2184, 0.2125
Android (android.graphics.Color)	4285241839 (0xFF6B99EF)
YUV	149.0500, 44.3454, -36.8778
Hunter-Lab	56.6935, 4.7672, -50.3248

Details

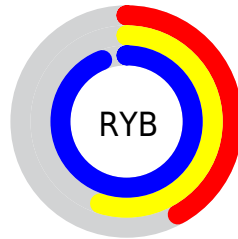
The YIQ color **149.0500, -55.0220, 16.9940** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **196.9500, 55.0220, -16.9940**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **200.2130, -39.8440, 6.2360**, and **92.8810, -62.0360, 11.9480** is the 20% darker color. If you saturate the color by 10%, you get **132.4820, -64.9260, 20.2740**, and if you desaturate by 10%, it is **165.6180, -45.1180, 13.7140**.

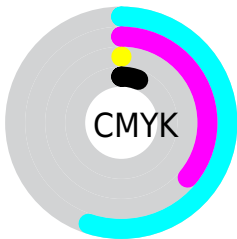
Distribution



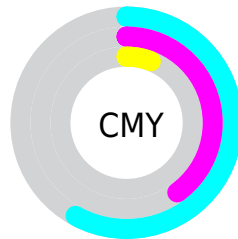
- Red (42%)
- Green (60%)
- Blue (94%)



- Red (42%)
- Yellow (55%)
- Blue (94%)



- Cyan (55%)
- Magenta (36%)
- Yellow (0%)
- Black (6%)



- Cyan (58%)
- Magenta (40%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.0500, -55.0220, 16.9940 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 149.0500, -55.0220, 16.9940 by changing the saturation by 10% instead.

■ 149.0500,
-55.0220, 16.9940

■ 149.0500,
-55.0220, 16.9940

■ 255.0000, -0.0000,
-0.0000

■ 121.2130,
-57.0390, 15.0010

■ 200.2130,
-39.8440, 6.2360

■ 93.4680, -62.3110,
11.4250

■ 225.3200,
-30.2600, -2.2600

■ 64.0430, -71.4800,
6.8880

■ 246.0300,
-17.8800, -6.3600

■ 48.1650, -57.0840,
10.3080

■ 32.8740, -42.9630,
13.2050

■ 17.2240, -29.2090,
17.2470

■ 9.2050, -19.0300,

14.4900

■ 4.9360, -11.1430,
9.2170

■ 0.5700, -1.6050,
1.5550

■ 149.0500,
-55.0220, 16.9940

■ 149.0500,
-55.0220, 16.9940

■ 132.4820,
-64.9260, 20.2740

■ 165.6180,
-45.1180, 13.7140

■ 116.5010,
-75.1050, 23.0310

■ 181.5990,
-34.9390, 10.9570

■ 99.9330, -85.0090,
26.3110

■ 198.1670,
-25.0350, 7.6770

■ 83.9520, -95.1880,
29.0680

■ 214.1480,
-14.8560, 4.9200

■ 75.9670, -99.5440,
30.9200

■ 230.4170, -5.5480,
1.4280

■ 246.3980, 4.6310,
-1.3290

■ 253.1760, 5.1360,
-4.9760

Harmonies

Analogous

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



124.2320, -121.0850, -13.7330



149.0500, -55.0220, 16.9940



157.8350, -2.5280, 34.8160

Triad

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



149.0500, -55.0220, 16.9940



152.8330, 69.7340, 13.7500



130.2130, -59.3210, -42.7850

Complementary

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



149.0500, -55.0220, 16.9940



196.9500, 55.0220, -16.9940

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.



142.7020, -3.4780, -36.1020



149.0500, -55.0220, 16.9940



151.2590, 58.8260, -8.8380

Square

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



149.0500, -55.0220, 16.9940



154.9040, 62.9450, 32.1690



147.9040, 34.3000, -26.9160



122.4640, -102.3280, -39.8000

Rectangle

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



149.0500, -55.0220, 16.9940



158.0250, 26.3560, 39.9880



147.9040, 34.3000, -26.9160



136.1140, -36.9930, -39.9450

Sweetspot

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



149.0500, -55.0220, 16.9940



225.7070, -17.9280, 5.5280



194.2880, -63.9060, -42.2900



110.2470, -10.8210, 3.3790



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.



149.0500, -55.0220, 16.9940



140.1980, -69.8780, 21.9140



128.0280, -30.4520, 45.2920



111.7160, -4.9520, 1.6400



58.5440, -76.6640, 23.7520



18.1240, -23.4760, 6.9560

Inverse Universe

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



151.7120, 63.9060, 42.2900



143.8440, 81.5100, 53.6540



217.9720, 30.4520, -45.2920



112.0440, 5.8680, 3.7880



62.3120, 89.1200, 58.9120



19.0240, 26.9560, 18.0920

Previews

White Background



This preview shows how the YIQ color 149.0500, -55.0220, 16.9940 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 149.0500, -55.0220, 16.9940 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

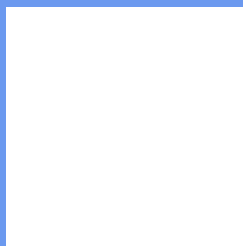
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 149.0500, -55.0220, 16.9940

Background



This preview shows how black text looks on a background with the YIQ color 149.0500, -55.0220, 16.9940.



This preview shows how white text looks on a background with the YIQ color 149.0500, -55.0220,

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

149.0500, -55.0220, 16.9940

Protanopia

151.4320, -44.2940, 20.8100

Deuteranopia

149.0500, -55.0220, 16.9940



Tritanopia

142.3770, -52.7700, -12.8180

Trichromacy



Original Color

149.0500, -55.0220, 16.9940

Protanomaly

150.6380, -47.8700, 19.5380

Deuteranomaly

149.0500, -55.0220, 16.9940

Tritanomaly

144.9290, -53.9640, -2.1880

Monochromacy



Original Color

149.0500, -55.0220, 16.9940

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.8640, -19.8080, 6.5600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.0500, -55.0220, 16.9940 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, 153, 239)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 239)  
}
```

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, 153, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 239) }
```

Border

The CSS property to change the border of an element to YIQ 149.0500, -55.0220, 16.9940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

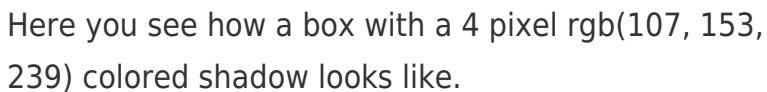
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 153, 239) }
```


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

```
.border{ border-color:rgb(107, 153, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 153, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 239);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 149.0500, -55.0220, 16.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 153, 239) }
```

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

```
.background{ background-color: rgb(107,  
153, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor