

Converting Colors

YIQ(147.8190, -67.4930,
17.2350)

Have a look what the booklet for
YIQ(147.8190, -67.4930, 17.2350)
contains.

YIQ(147.8190, -67.4930, 17.2350)	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(147.8190, -67.4930,
17.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9BFC
RGB	94, 155, 252
RGB Percent	37%, 61%, 99%
CMY	0.6314, 0.3920, 0.0121
CMYK	0.63, 0.38, 0.00, 0.01
HSL	217°, 96%, 68%
HSV	217°, 63%, 99%
XYZ	33.8964, 32.8526, 96.5775
YIQ	147.8190, -67.4930, 17.2350

Conversions

Conversions Part 2

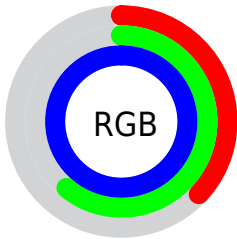
Format	Color
RYB	94, 138, 252
Decimal	6200316
CIELab	64.04, 9.57, -54.16
CIElCh	64, 54.999, 280.020
Yxy	32.8526, 0.2075, 0.2011
Android (android.graphics.Color)	4284390396 (0xFF5E9BFC)
YUV	147.8190, 51.3612, -47.1993
Hunter-Lab	57.3172, 5.2567, -59.7796

Details

The YIQ color **147.8190, -67.4930, 17.2350** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **198.1810, 67.4930, -17.2350**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.3970, -46.3540, 3.0700**, and **83.2780, -91.1950, 6.2530** is the 20% darker color. If you saturate the color by 10%, you get **131.5390, -78.2680, 19.7800**, and if you desaturate by 10%, it is **164.0990, -56.7180, 14.6900**.

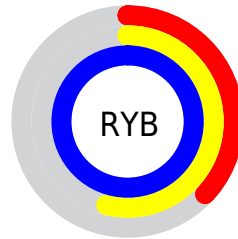
Distribution



Red (37%)

Green (61%)

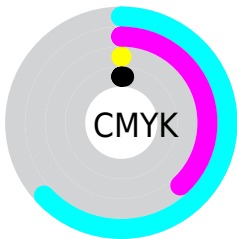
Blue (99%)



Red (37%)

Yellow (54%)

Blue (99%)

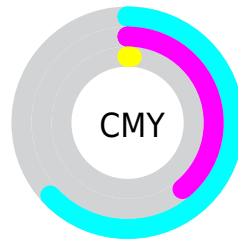


Cyan (63%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (63%)

Magenta (39%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.8190, -67.4930, 17.2350 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 147.8190, -67.4930, 17.2350 by changing the saturation by 10% instead.

■ 147.8190,
-67.4930, 17.2350

■ 147.8190,
-67.4930, 17.2350

■ 255.0000, -0.0000,
-0.0000

■ 118.4870,
-72.4900, 14.1820

■ 198.3970,
-46.3540, 3.0700

■ 83.8650, -91.4700,
5.7300

■ 224.1020,
-35.5780, -5.0020

■ 66.5850, -75.8820,
9.5740

■ 243.6380,
-22.6480, -8.0560

■ 50.5930, -61.1650,
12.6830

■ 252.9070, -4.1720,
-1.4840

■ 35.3020, -47.0440,
15.5800

■ 20.7120, -33.5190,
18.2650

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 147.8190,
-67.4930, 17.2350

■ 147.8190,
-67.4930, 17.2350

■ 131.5390,
-78.2680, 19.7800

■ 164.0990,
-56.7180, 14.6900

■ 114.6720,
-88.7680, 22.8480

■ 180.9660,
-46.2180, 11.6220

■ 98.0930,
-100.1390, 25.1810

■ 197.5450,
-34.8470, 9.2890

■ 85.6670,
-107.5670, 27.6410

■ 214.4120,
-24.3470, 6.2210

■ 230.6920,
-13.5720, 3.6760

■ 247.5590, -3.0720,
0.6080

254.6580, 0.9630,
-0.9330

Harmonies

Analogous

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



127.3610, -125.7620, -11.5700



147.8190, -67.4930, 17.2350



159.3990, -3.9960, 39.3960

Triad

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



147.8190, -67.4930, 17.2350



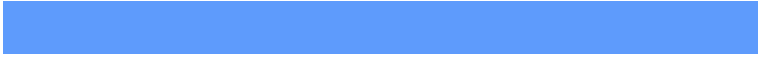
153.4920, 78.1240, 15.8840



119.3730, -83.6190, -53.9790

Complementary

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



147.8190, -67.4930, 17.2350



198.1810, 67.4930, -17.2350

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.



142.2410, -3.7980, -41.3180



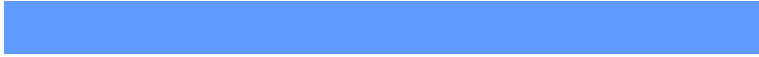
147.8190, -67.4930, 17.2350



152.0980, 66.5290, -10.7750

Square

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



147.8190, -67.4930, 17.2350



154.7850, 70.8300, 37.9500



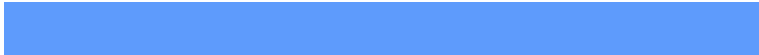
148.6070, 39.3900, -31.0580



124.5670, -104.1160, -40.4360

Rectangle

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



147.8190, -67.4930, 17.2350



159.2690, 28.7850, 45.5290



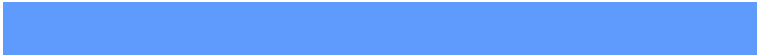
148.6070, 39.3900, -31.0580



133.7170, -43.3650, -45.6130

Sweetspot

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



147.8190, -67.4930, 17.2350



223.0380, -20.3580, 5.5140



197.5760, -73.9450, -53.0890



108.4640, -12.9300, 3.0540



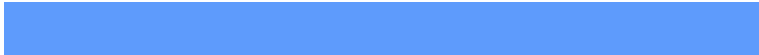
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



147.8190, -67.4930, 17.2350



129.2120, -81.6610, 20.6990



116.7960, -41.1820, 52.5300



116.4170, -5.5480, 1.4280



64.3970, -80.7440, 20.6000



21.0420, -26.1810, 6.4190

Inverse Universe

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



148.1960, 74.5870, 52.4670



129.5450, 90.0820, 63.5060



229.2040, 41.1820, -52.5300



116.4570, 6.1430, 4.3110



64.8330, 89.2110, 62.7710



20.9750, 28.6520, 20.3960

Previews

White Background



This preview shows how the YIQ color 147.8190, -67.4930, 17.2350 looks on a white background.

Color Contrast Check

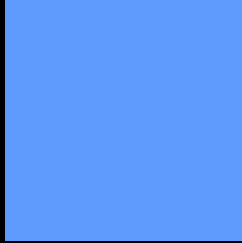
Large Text (above 18pt) WCAG AA × Fail

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 147.8190, -67.4930, 17.2350 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

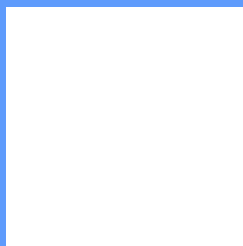
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 147.8190, -67.4930, 17.2350

Background



This preview shows how black text looks on a background with the YIQ color 147.8190, -67.4930, 17.2350.



This preview shows how white text looks on a background with the YIQ color 147.8190, -67.4930,

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

147.8190, -67.4930, 17.2350

Protanopia

151.8920, -51.4010, 22.9590

Deuteranopia

147.8190, -67.4930, 17.2350



Tritanopia

137.7060, -70.0540, -18.9660

Trichromacy



Original Color

147.8190, -67.4930, 17.2350

Protanomaly

150.2010, -56.7650, 21.0510

Deuteranomaly

147.8190, -67.4930, 17.2350

Tritanomaly

141.5080, -68.9560, -5.8200

Monochromacy



Original Color

147.8190, -67.4930, 17.2350

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.1130, -24.9430, 6.0090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.8190, -67.4930, 17.2350 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(94, 155, 252)` looks like.

```
.text, #text, p{  
    color:rgb(94, 155, 252)  
}
```

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(94, 155, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 155, 252) }
```

Border

The CSS property to change the border of an element to YIQ 147.8190, -67.4930, 17.2350 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(94, 155, 252) }
```


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

```
.border{ border-color:rgb(94, 155, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 155, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 155, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 155, 252);  
box-shadow:4px 4px 4px 4px rgb(94, 155,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 147.8190, -67.4930, 17.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 155, 252) }
```

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

```
.background{ background-color: rgb(94, 155,  
252) }
```

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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