

Converting Colors

YIQ(137.6630, -67.3540, 9.2060)

Have a look what the booklet for
YIQ(137.6630, -67.3540, 9.2060)
contains.

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Color

**YIQ(137.6630, -67.3540,
9.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	4F96E4
RGB	79, 150, 228
RGB Percent	31%, 59%, 89%
CMY	0.6903, 0.4116, 0.1062
CMYK	0.65, 0.34, 0.00, 0.11
HSL	211°, 73%, 60%
HSV	211°, 65%, 89%
XYZ	28.1250, 29.0800, 77.4686
YIQ	137.6630, -67.3540, 9.2060

Conversions

Conversions Part 2

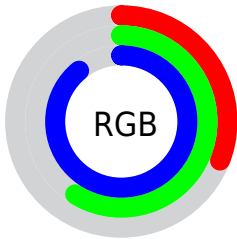
Format	Color
R _Y B	79, 127, 228
Decimal	5215972
CIE Lab	60.85, 1.93, -46.04
CIE LCh	61, 46.083, 272.397
Yxy	29.0800, 0.2088, 0.2159
Android (android.graphics.Color)	4283406052 (0xFF4F96E4)
YUV	137.6630, 44.5361, -51.4475
Hunter-Lab	53.9259, -1.2737, -47.4264

Details

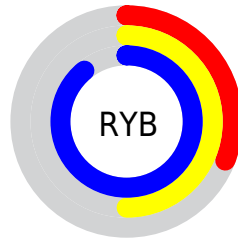
The YIQ color **137.6630, -67.3540, 9.2060** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **169.3370, 67.3540, -9.2060**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.9770, -53.9190, 2.5050**, and **78.3080, -82.7120, 1.1920** is the 20% darker color. If you saturate the color by 10%, you get **123.7420, -77.7620, 10.6060**, and if you desaturate by 10%, it is **151.5840, -56.9460, 7.8060**.

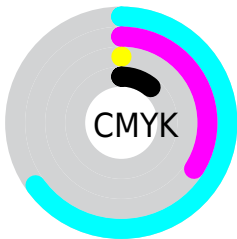
Distribution



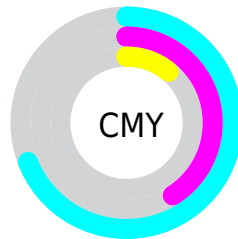
- Red (31%)
- Green (59%)
- Blue (89%)



- Red (31%)
- Yellow (50%)
- Blue (89%)



- Cyan (65%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.6630, -67.3540, 9.2060 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 137.6630, -67.3540, 9.2060 by changing the saturation by 10% instead.

■ 137.6630,
-67.3540, 9.2060

■ 137.6630,
-67.3540, 9.2060

■ 255.0000, -0.0000,
-0.0000

■ 107.8470,
-73.8640, 6.0400

■ 190.9770,
-53.9190, 2.5050

■ 78.3080, -82.7120,
1.1920

■ 216.3830,
-43.7390, -5.7790

■ 61.1420, -67.4450,
5.3470

■ 238.8540,
-32.1840, -11.4480

■ 45.2640, -53.0490,
8.7670

■ 247.8240,
-14.3040, -5.0880

■ 30.6740, -39.5240,
11.4520

■ 13.2630, -24.9450,
17.0630

■ 7.5920, -15.8660,

12.2140

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 137.6630,
-67.3540, 9.2060

■ 137.6630,
-67.3540, 9.2060

■ 123.7420,
-77.7620, 10.6060

■ 151.5840,
-56.9460, 7.8060

■ 109.8210,
-88.1700, 12.0060

■ 165.5050,
-46.5380, 6.4060

■ 96.1990, -97.9820,
13.6180

■ 179.1270,
-36.7260, 4.7940

■ 89.9750,
-103.1630, 13.9010

■ 193.0480,
-26.3180, 3.3940

■ 206.9690,
-15.9100, 1.9940

■ 220.8900, -5.5020,
0.5940

■ 234.2240, 5.1810,
-0.2830

■ 246.0520, 11.4170,
-3.1670

■ 251.9220, 8.6670,
-8.3970

Harmonies

Analogous

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



119.3590, -114.2530, -16.4050



137.6630, -67.3540, 9.2060



149.9150, -14.6770, 29.2190

Triad

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



137.6630, -67.3540, 9.2060



146.4290, 65.2400, 18.1040



129.8090, -37.4520, -37.1320

Complementary

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



137.6630, -67.3540, 9.2060



169.3370, 67.3540, -9.2060

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.



138.3830, 7.8460, -32.0740



137.6630, -67.3540, 9.2060



145.5460, 59.6960, -2.5760

Square

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



137.6630, -67.3540, 9.2060



148.3530, 54.3710, 33.3710



143.0020, 40.0760, -21.4600



115.0150, -93.7540, -41.0020

Rectangle

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



137.6630, -67.3540, 9.2060



151.1590, 14.1150, 36.0590



143.0020, 40.0760, -21.4600



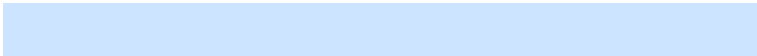
133.4320, -20.2130, -35.6770

Sweetspot

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



137.6630, -67.3540, 9.2060



223.9020, -22.9710, 3.3090



175.2410, -65.6920, -53.9800



108.7520, -13.8010, 2.3190



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.



137.6630, -67.3540, 9.2060



134.4510, -90.0040, 12.2040



96.5840, -46.6370, 46.7630



107.8900, -5.5020, 0.5940



70.3010, -80.8340, 11.2140



19.9020, -22.9710, 3.3090

Inverse Universe

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



131.6450, 66.0130, 53.6690



126.3310, 88.1090, 71.7330



210.1170, 46.0410, -46.9750



107.2720, 5.2260, 4.4100



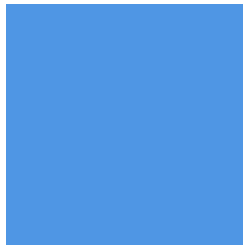
63.2110, 79.3990, 64.3830



17.9850, 22.6920, 18.2760

Previews

White Background



This preview shows how the YIQ color 137.6630, -67.3540, 9.2060 looks on a white background.

Color Contrast Check

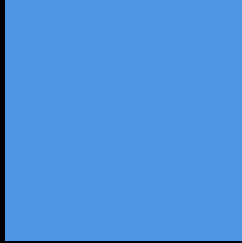
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.6630, -67.3540, 9.2060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

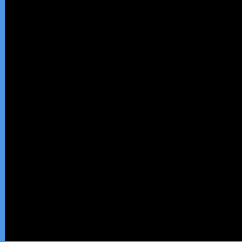
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

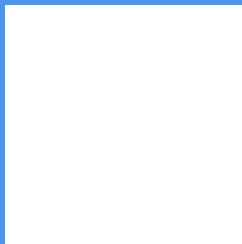
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 137.6630, -67.3540, 9.2060

Background



This preview shows how black text looks on a background with the YIQ color 137.6630, -67.3540, 9.2060.



This preview shows how white text looks on a background with the YIQ color 137.6630, -67.3540,

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

137.6630, -67.3540, 9.2060

Protanopia

144.5310, -40.2590, 19.2690

Deuteranopia

142.0070, -53.4630, 16.2730



Tritanopia

128.3960, -72.1170, -20.1250

Trichromacy



Original Color

137.6630, -67.3540, 9.2060

Protanomaly

142.3340, -50.0700, 15.3540

Deuteranomaly

140.2020, -58.5060, 14.0540

Tritanomaly

131.9160, -70.2850, -9.2690

Monochromacy



Original Color

137.6630, -67.3540, 9.2060

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.8310, -24.2090, 3.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.6630, -67.3540, 9.2060 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(79, 150, 228)` looks like.

```
.text, #text, p{  
    color:rgb(79, 150, 228)  
}
```

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(79, 150, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 150, 228) }
```

Border

The CSS property to change the border of an element to YIQ 137.6630, -67.3540, 9.2060 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(79, 150, 228) }
```


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

```
.border{ border-color:rgb(79, 150, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 150, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 150, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 150, 228);  
box-shadow:4px 4px 4px 4px rgb(79, 150,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 137.6630, -67.3540, 9.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 150, 228) }
```

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

```
.background{ background-color: rgb(79, 150,  
228) }
```

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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