

Converting Colors

YIQ(162.6330, -67.8100,
-4.5620)

Have a look what the booklet for
YIQ(162.6330, -67.8100, -4.5620)
contains.

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Color

**YIQ(162.6330, -67.8100,
-4.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	5FB8E6
RGB	95, 184, 230
RGB Percent	37%, 72%, 90%
CMY	0.6276, 0.2783, 0.0983
CMYK	0.59, 0.20, 0.00, 0.10
HSL	200°, 73%, 64%
HSV	200°, 59%, 90%
XYZ	36.1348, 42.4358, 81.0921
YIQ	162.6330, -67.8100, -4.5620

Conversions

Conversions Part 2

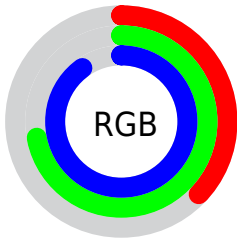
Format	Color
R _Y B	95, 149, 230
Decimal	6273254
CIE Lab	71.17, -13.52, -30.99
CIE LCh	71, 33.815, 246.433
Yxy	42.4358, 0.2263, 0.2658
Android (android.graphics.Color)	4284463334 (0xFF5FB8E6)
YUV	162.6330, 33.2119, -59.3141
Hunter-Lab	65.1428, -14.9856, -28.2065

Details

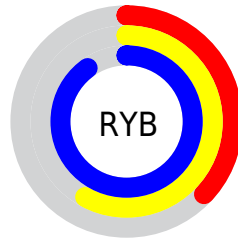
The YIQ color **162.6330, -67.8100, -4.5620** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **162.3670, 67.8100, 4.5620**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2950, -55.4750, -13.3550**, and **101.5170, -82.3430, -11.0070** is the 20% darker color. If you saturate the color by 10%, you get **151.0600, -79.3180, -5.2540**, and if you desaturate by 10%, it is **174.2060, -56.3020, -3.8700**.

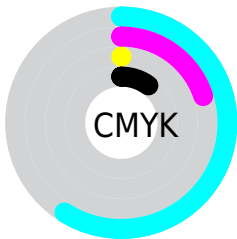
Distribution



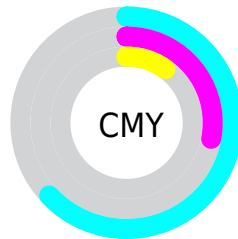
- Red (37%)
- Green (72%)
- Blue (90%)



- Red (37%)
- Yellow (58%)
- Blue (90%)



- Cyan (59%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (63%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.6330, -67.8100, -4.5620 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 162.6330, -67.8100, -4.5620 by changing the saturation by 10% instead.

■ 162.6330,
-67.8100, -4.5620

■ 162.6330,
-67.8100, -4.5620

■ 255.0000, -0.0000,
-0.0000

■ 133.7250,
-71.0650, -6.1450

■ 216.2950,
-55.4750, -13.3550

■ 101.2180,
-82.9390, -11.2190

■ 234.0700,
-41.7200, -14.8400

■ 78.9800, -76.3370,
-9.7210

■ 243.0400,
-23.8400, -8.4800

■ 62.0420, -61.7120,
-4.9440

■ 252.0100, -5.9600,
-2.1200

■ 45.6910, -47.3620,
-0.6900

■ 29.9270, -33.2870,
3.0410

■ 12.7440, -19.3500,

9.2740

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 162.6330,
-67.8100, -4.5620

■ 162.6330,
-67.8100, -4.5620

■ 151.0600,
-79.3180, -5.2540

■ 174.2060,
-56.3020, -3.8700

■ 139.4870,
-90.8260, -5.9460

■ 185.7790,
-44.7940, -3.1780

■ 128.5010,
-102.6090, -7.1610

■ 196.7650,
-33.0110, -1.9630

■ 116.9280,
-114.1170, -7.8530

■ 208.3380,
-21.5030, -1.2710

■ 115.4440,
-115.6300, -7.9660

■ 219.9110, -9.9950,
-0.5790

■ 231.4840, 1.5130,
0.1130

■ 242.7580, 12.4250,
0.5930

■ 247.4540, 10.2250,
-3.5910

■ 251.5630, 8.3000,
-7.2520

Harmonies

Analogous

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



155.2040, -80.3240, -20.0680



162.6330, -67.8100, -4.5620



172.2720, -38.3320, 11.8760

Triad

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



162.6330, -67.8100, -4.5620



177.8690, 43.6900, 23.1940



167.9020, 2.2510, -24.2850

Complementary

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



162.6330, -67.8100, -4.5620



162.3670, 67.8100, 4.5620

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.



171.5310, 28.5210, -15.7910



162.6330, -67.8100, -4.5620



176.1990, 51.0280, 11.3480

Square

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



162.6330, -67.8100, -4.5620



178.5650, 24.2950, 27.7750



174.3040, 45.7580, -3.2820



163.5100, -28.8800, -27.2800

Rectangle

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



162.6330, -67.8100, -4.5620



176.4490, -16.6010, 20.0310



174.3040, 45.7580, -3.2820



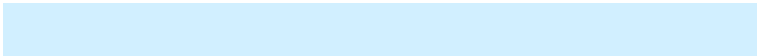
169.6320, 11.8790, -22.5610

Sweetspot

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



162.6330, -67.8100, -4.5620



231.8540, -23.0160, -1.3840



179.3750, -51.5700, -56.6100



113.4590, -14.5340, -0.9180



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.



162.6330, -67.8100, -4.5620



165.9710, -89.3130, -5.8330



123.3040, -49.3850, 30.4790



109.0640, -6.0520, -0.4520



89.6720, -89.9090, -6.0450



25.7720, -25.7210, -1.9210

Inverse Universe

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



145.5110, 51.8910, 56.2990



143.5600, 68.5310, 74.1230



201.1090, 49.6600, -29.9560



107.5000, 4.5840, 5.0320



66.9730, 68.8060, 74.6460



19.1250, 19.4820, 21.3860

Previews

White Background



This preview shows how the YIQ color 162.6330, -67.8100, -4.5620 looks on a white background.

Color Contrast Check

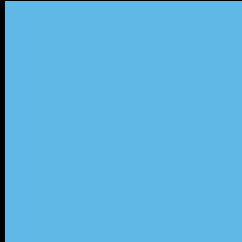
Large Text (above 18pt) WCAG AA × Fail

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 162.6330, -67.8100, -4.5620 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

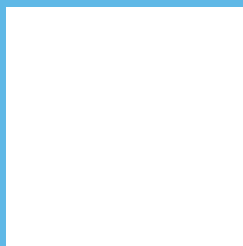
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 162.6330, -67.8100, -4.5620

Background



This preview shows how black text looks on a background with the YIQ color 162.6330, -67.8100, -4.5620.



This preview shows how white text looks on a background with the YIQ color 162.6330, -67.8100, -4.5620.

-4.5620.

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

162.6330, -67.8100, -4.5620

Protanopia

173.7100, -22.0100, 13.4300

Deuteranopia

173.8820, -28.2460, 16.3140



Tritanopia

159.3150, -67.3950, -17.5950

Trichromacy



Original Color

162.6330, -67.8100, -4.5620

Protanomaly

169.8110, -38.6520, 6.6600

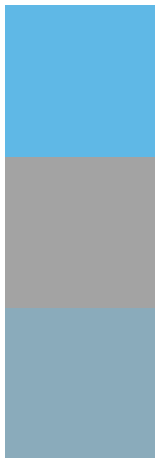
Deuteranomaly

169.8260, -43.0080, 8.5120

Tritanomaly

160.3630, -67.3500, -12.9020

Monochromacy



Original Color

162.6330, -67.8100, -4.5620

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.9570, -24.8040, -2.0200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.6330, -67.8100, -4.5620 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(95, 184, 230)` looks like.

```
.text, #text, p{  
    color:rgb(95, 184, 230)  
}
```

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(95, 184, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 184, 230) }
```

Border

The CSS property to change the border of an element to YIQ 162.6330, -67.8100, -4.5620 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(95, 184, 230) }
```


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

```
.border{ border-color:rgb(95, 184, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 184, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 184, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 184, 230);  
box-shadow:4px 4px 4px 4px rgb(95, 184,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 162.6330, -67.8100, -4.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 184, 230) }
```

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

```
.background{ background-color: rgb(95, 184,  
230) }
```

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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