

Converting Colors

YIQ(167.0190, -72.0730,
-9.9050)

Have a look what the booklet for
YIQ(167.0190, -72.0730, -9.9050)
contains.

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Color

**YIQ(167.0190, -72.0730,
-9.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	5CC1E6
RGB	92, 193, 230
RGB Percent	36%, 76%, 90%
CMY	0.6394, 0.2430, 0.0983
CMYK	0.60, 0.16, 0.00, 0.10
HSL	196°, 73%, 63%
HSV	196°, 60%, 90%
XYZ	37.7591, 46.1399, 81.7196
YIQ	167.0190, -72.0730, -9.9050

Conversions

Conversions Part 2

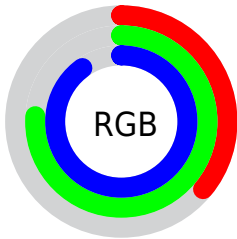
Format	Color
R_{YB}	92, 150, 230
Decimal	6078950
CIE _{Lab}	73.64, -18.80, -27.21
CIE _{LCh}	74, 33.073, 235.357
Yxy	46.1399, 0.2280, 0.2786
Android (android.graphics.Color)	4284269030 (0xFF5CC1E6)
YUV	167.0190, 31.0496, -65.7917
Hunter-Lab	67.9263, -19.6459, -23.7811

Details

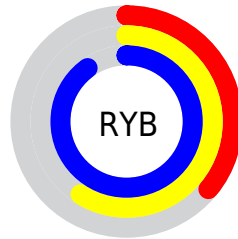
The YIQ color **167.0190, -72.0730, -9.9050** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **154.9810, 72.0730, 9.9050**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.5670, -59.4170, -19.0090**, and **101.4290, -94.0790, -18.5830** is the 20% darker color. If you saturate the color by 10%, you get **156.6200, -84.1310, -11.6430**, and if you desaturate by 10%, it is **177.4180, -60.0150, -8.1670**.

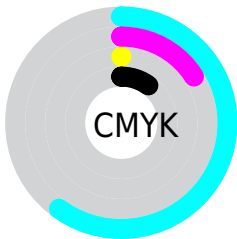
Distribution



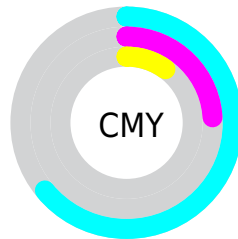
- Red (36%)
- Green (76%)
- Blue (90%)



- Red (36%)
- Yellow (59%)
- Blue (90%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (64%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.0190, -72.0730, -9.9050 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 167.0190, -72.0730, -9.9050 by changing the saturation by 10% instead.

■ 167.0190,
-72.0730, -9.9050

■ 167.0190,
-72.0730, -9.9050

■ 255.0000, -0.0000,
-0.0000

■ 137.8120,
-75.9240, -11.7000

■ 221.5670,
-59.4170, -19.0090

■ 101.4290,
-94.0790, -18.5830

■ 233.4720,
-42.9120, -15.2640

■ 83.7900, -78.8580,
-13.5940

■ 242.4420,
-25.0320, -8.9040

■ 66.1510, -63.6370,
-8.6050

■ 251.4120, -7.1520,
-2.5440

■ 49.8000, -49.2870,
-4.3510

■ 33.5630, -35.2580,
0.2140

■ 19.2010, -22.3750,

3.5210

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 167.0190,
-72.0730, -9.9050

■ 167.0190,
-72.0730, -9.9050

■ 156.6200,
-84.1310, -11.6430

■ 177.4180,
-60.0150, -8.1670

■ 146.2210,
-96.1890, -13.3810

■ 187.8170,
-47.9570, -6.4290

■ 135.8220,
-108.2470, -15.1190

■ 198.2160,
-35.8990, -4.6910

■ 124.8360,
-120.0300, -16.3340

■ 209.2020,
-24.1160, -3.4760

■ 219.6010,
-12.0580, -1.7380

■ 230.0000, -0.0000,
0.0000

■ 240.3990, 12.0580,
1.7380

■ 244.5190, 11.6000,
-0.9760

■ 248.0410, 9.9500,
-4.1140

Harmonies

Analogous

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



163.0430, -72.6210, -22.0050



167.0190, -72.0730, -9.9050



175.8360, -48.9680, 6.3920

Triad

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



167.0190, -72.0730, -9.9050



184.9270, 37.7750, 25.7670



176.3440, 12.7500, -21.8260

Complementary

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



167.0190, -72.0730, -9.9050



154.9810, 72.0730, 9.9050

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.



179.1730, 35.5810, -11.5790



167.0190, -72.0730, -9.9050



183.7630, 49.5600, 15.9280

Square

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



167.0190, -72.0730, -9.9050



185.7640, 13.4290, 26.4610



181.8470, 48.7830, 2.4710



172.3820, -16.7760, -26.3760

Rectangle

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



167.0190, -72.0730, -9.9050



180.7680, -27.9250, 16.0030



181.8470, 48.7830, 2.4710



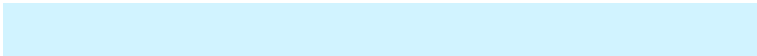
177.5300, 21.0940, -18.8580

Sweetspot

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



167.0190, -72.0730, -9.9050



234.2020, -24.1160, -3.4760



177.2240, -49.8270, -60.6670



114.6330, -15.0840, -1.9640



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.



167.0190, -72.0730, -9.9050



171.2210, -96.1890, -13.3810



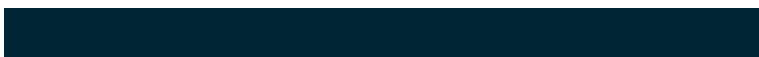
126.5160, -53.0980, 26.1820



109.6510, -6.3270, -0.9750



97.3030, -93.4840, -12.8440



27.5330, -26.5460, -3.4900

Inverse Universe

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



144.7760, 49.8270, 60.6670



141.4060, 66.3290, 80.9930



195.4840, 53.0980, -26.1820



107.6140, 4.2630, 5.3430



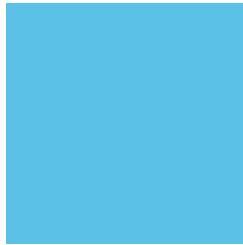
68.4550, 64.6330, 78.6890



19.4670, 18.5190, 22.3190

Previews

White Background



This preview shows how the YIQ color 167.0190, -72.0730, -9.9050 looks on a white background.

Color Contrast Check

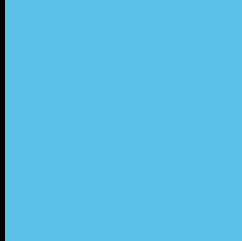
Large Text (above 18pt) WCAG AA × Fail

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 167.0190, -72.0730, -9.9050 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 167.0190, -72.0730, -9.9050

Background



This preview shows how black text looks on a background with the YIQ color 167.0190, -72.0730, -9.9050.



This preview shows how white text looks on a background with the YIQ color 167.0190, -72.0730, -9.9050.

-9.9050.

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

167.0190, -72.0730, -9.9050

Protanopia

180.2820, -17.9290, 11.0550

Deuteranopia

180.8070, -23.6610, 15.8190



Tritanopia

164.3360, -71.8880, -18.7680

Trichromacy



Original Color

167.0190, -72.0730, -9.9050

Protanomaly

175.3010, -37.2760, 3.7480

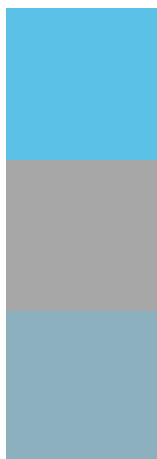
Deuteranomaly

175.8430, -41.6780, 6.4340

Tritanomaly

165.4440, -72.0720, -15.4320

Monochromacy



Original Color

167.0190, -72.0730, -9.9050

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.8320, -25.9500, -3.2780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.0190, -72.0730, -9.9050 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(92, 193, 230)` looks like.

```
.text, #text, p{  
    color:rgb(92, 193, 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(92, 193, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 193, 230) }
```

Border

The CSS property to change the border of an element to YIQ 167.0190, -72.0730, -9.9050 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(92, 193, 230) }
```


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

```
.border{ border-color:rgb(92, 193, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 193, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 193, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 193, 230);  
box-shadow:4px 4px 4px 4px rgb(92, 193,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 167.0190, -72.0730, -9.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 193, 230) }
```

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

```
.background{ background-color: rgb(92, 193,  
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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