

Converting Colors

YIQ(191.7050, -68.3130,
-11.9690)

Have a look what the booklet for
YIQ(191.7050, -68.3130, -11.9690)
contains.

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Color

**YIQ(191.7050, -68.3130,
-11.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	77DAF7
RGB	119, 218, 247
RGB Percent	47%, 85%, 97%
CMY	0.5335, 0.1449, 0.0317
CMYK	0.52, 0.12, 0.00, 0.03
HSL	194°, 89%, 72%
HSV	194°, 52%, 97%
XYZ	49.4593, 60.7932, 97.0626
YIQ	191.7050, -68.3130, -11.9690

Conversions

Conversions Part 2

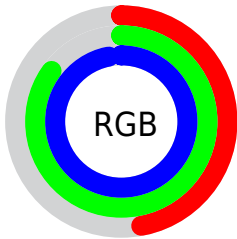
Format	Color
R _{YB}	119, 175, 247
Decimal	7854839
CIE _{Lab}	82.27, -21.40, -23.06
CIE _{LCh}	82, 31.457, 227.135
Yxy	60.7932, 0.2386, 0.2932
Android (android.graphics.Color)	4286044919 (0xFF77DAF7)
YUV	191.7050, 27.2604, -63.7623
Hunter-Lab	77.9700, -23.2183, -19.2294

Details

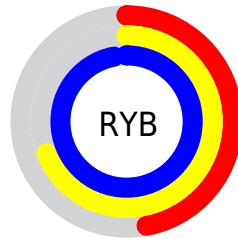
The YIQ color **191.7050, -68.3130, -11.9690** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **174.2950, 68.3130, 11.9690**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.9770, -45.8920, -16.3240**, and **133.6010, -73.9520, -14.4000** is the 20% darker color. If you saturate the color by 10%, you get **180.7080, -81.5630, -14.1310**, and if you desaturate by 10%, it is **202.7020, -55.0630, -9.8070**.

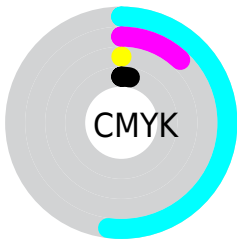
Distribution



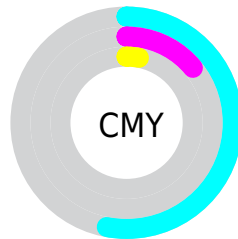
- Red (47%)
- Green (85%)
- Blue (97%)



- Red (47%)
- Yellow (69%)
- Blue (97%)



- Cyan (52%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (53%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.7050, -68.3130, -11.9690 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 191.7050, -68.3130, -11.9690 by changing the saturation by 10% instead.

■ 191.7050,
-68.3130, -11.9690

■ 191.7050,
-68.3130, -11.9690

■ 255.0000, -0.0000,
-0.0000

■ 162.6940,
-69.7800, -12.9160

■ 231.9770,
-45.8920, -16.3240

■ 133.6010,
-73.9520, -14.4000

■ 240.9470,
-28.0120, -9.9640

■ 99.0010, -89.9980,
-20.9580

■ 249.9170,
-10.1320, -3.6040

■ 80.7750, -74.5020,
-15.4460

■ 63.2500, -59.6020,
-10.1460

■ 46.8990, -45.2520,
-5.8920

■ 31.3630, -31.8190,

-1.5390

■ 14.7670, -18.1570,
4.1710

■ 2.8670, -6.6950,
5.6970

■ 191.7050,
-68.3130, -11.9690

■ 191.7050,
-68.3130, -11.9690

■ 180.7080,
-81.5630, -14.1310

■ 202.7020,
-55.0630, -9.8070

■ 170.5970,
-94.4920, -16.6040

■ 212.8130,
-42.1340, -7.3340

■ 159.6000,
-107.7420, -18.7660

■ 223.8100,
-28.8840, -5.1720

■ 149.1900,
-121.2670, -21.4510

■ 234.2200,
-15.3590, -2.4870

■ 140.2750,
-131.8120, -23.0760

■ 244.9180, -2.7050,
-0.5370

■ 251.7400, 3.6680,
-0.3960

■ 254.0880, 2.5680,
-2.4880

Harmonies

Analogous

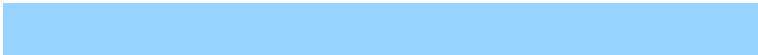
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



190.2030, -61.3880, -21.8360



191.7050, -68.3130, -11.9690



197.7770, -50.4800, 0.7520

Triad

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



191.7050, -68.3130, -11.9690



209.2190, 31.0810, 25.9370



201.1600, 19.2600, -18.6600

Complementary

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



191.7050, -68.3130, -11.9690



174.2950, 68.3130, 11.9690

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.



204.2600, 39.8900, -7.0700



191.7050, -68.3130, -11.9690



205.2120, 40.9860, 17.1300

Square

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



191.7050, -68.3130, -11.9690



208.8170, 5.9100, 25.0620



205.7700, 47.6820, 5.9060



197.8130, -7.7440, -24.8640

Rectangle

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



191.7050, -68.3130, -11.9690



202.3280, -32.7380, 9.6140



205.7700, 47.6820, 5.9060



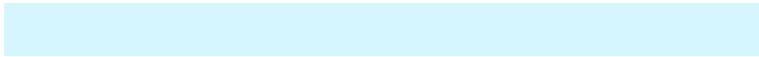
202.4600, 27.2830, -15.3810

Sweetspot

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



191.7050, -68.3130, -11.9690



237.4580, -21.9610, -3.9850



197.3280, -44.1880, -58.2360



117.0030, -13.2500, -2.1620



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.



191.7050, -68.3130, -11.9690



186.6260, -84.2680, -14.6680



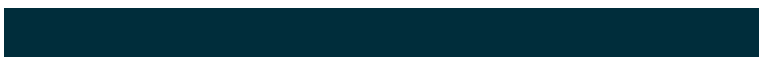
154.7240, -50.9880, 20.9800



117.2380, -6.6020, -1.4980



105.7320, -99.3060, -17.4660



33.1410, -31.3140, -5.1860

Inverse Universe

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



168.5580, 44.5090, 57.9250



158.1500, 55.0060, 71.4380



211.2760, 50.9880, -20.9800



114.7280, 3.9420, 5.6540



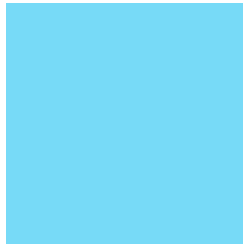
72.0300, 64.6320, 84.2160



22.7710, 20.7190, 26.5030

Previews

White Background



This preview shows how the YIQ color 191.7050, -68.3130, -11.9690 looks on a white background.

Color Contrast Check

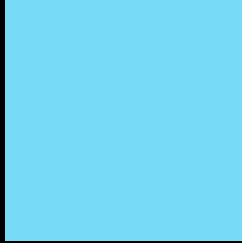
Large Text (above 18pt) WCAG AA × Fail

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 191.7050, -68.3130, -11.9690 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 191.7050, -68.3130, -11.9690 Background



This preview shows how black text looks on a background with the YIQ color 191.7050, -68.3130, -11.9690.



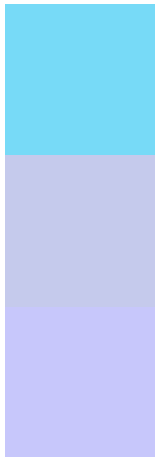
This preview shows how white text looks on a background with the YIQ color 191.7050, -68.3130, -11.9690.

-11.9690.

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

191.7050, -68.3130, -11.9690

Protanopia

204.3810, -13.8940, 9.5140

Deuteranopia

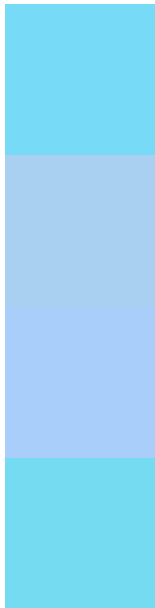
204.9280, -16.6920, 16.1720



Tritanopia

190.8420, -67.4410, -16.7610

Trichromacy



Original Color

191.7050, -68.3130, -11.9690

Protanomaly

199.9870, -33.5160, 1.6840

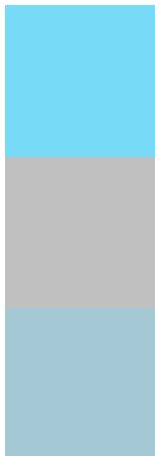
Deuteranomaly

200.2520, -35.5800, 6.0520

Tritanomaly

191.0100, -67.8540, -14.7820

Monochromacy



Original Color

191.7050, -68.3130, -11.9690

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

191.4900, -24.9870, -4.2110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.7050, -68.3130, -11.9690 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(119, 218, 247)` looks like.

```
.text, #text, p{  
    color:rgb(119, 218, 247)  
}
```

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(119, 218, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 218, 247) }
```

Border

The CSS property to change the border of an element to YIQ 191.7050, -68.3130, -11.9690 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(119, 218, 247) }
```


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

```
.border{ border-color:rgb(119, 218, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 218, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 218, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 218, 247);  
box-shadow:4px 4px 4px 4px rgb(119, 218,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 191.7050, -68.3130, -11.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 218, 247) }
```

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

```
.background{ background-color: rgb(119,  
218, 247) }
```

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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