

Converting Colors

YIQ(166.6130, -82.2530,
-1.6210)

Have a look what the booklet for
YIQ(166.6130, -82.2530, -1.6210)
contains.

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Color

**YIQ(166.6130, -82.2530,
-1.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	57BEFF
RGB	87, 190, 255
RGB Percent	34%, 75%, 100%
CMY	0.6590, 0.2547, 0.0004
CMYK	0.66, 0.25, 0.00, 0.00
HSL	203°, 100%, 67%
HSV	203°, 66%, 100%
XYZ	40.3830, 46.0833, 101.2932
YIQ	166.6130, -82.2530, -1.6210

Conversions

Conversions Part 2

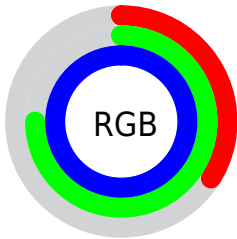
Format	Color
RYB	87, 151, 255
Decimal	5750527
CIELab	73.60, -10.32, -40.76
CIELCh	74, 42.044, 255.794
Yxy	46.0833, 0.2151, 0.2454
Android (android.graphics.Color)	4283940607 (0xFF57BEFF)
YUV	166.6130, 43.5748, -69.8206
Hunter-Lab	67.8847, -12.6127, -40.9495

Details

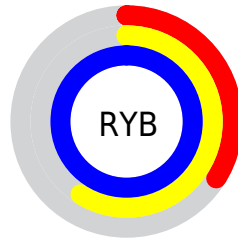
The YIQ color **166.6130, -82.2530, -1.6210** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **175.3870, 82.2530, 1.6210**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9200, -58.9130, -17.1290**, and **102.9910, -101.2330, -10.0730** is the 20% darker color. If you saturate the color by 10%, you get **152.9690, -94.9990, -1.9030**, and if you desaturate by 10%, it is **179.9580, -70.1030, -1.5510**.

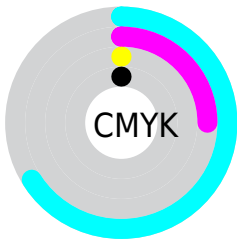
Distribution



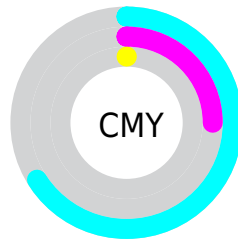
- Red (34%)
- Green (75%)
- Blue (100%)



- Red (34%)
- Yellow (59%)
- Blue (100%)



- Cyan (66%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.6130, -82.2530, -1.6210 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 166.6130, -82.2530, -1.6210 by changing the saturation by 10% instead.

■ 166.6130,
-82.2530, -1.6210

■ 166.6130,
-82.2530, -1.6210

■ 255.0000, -0.0000,
-0.0000

■ 135.4980,
-89.3590, -4.9990

■ 218.9200,
-58.9130, -17.1290

■ 102.9910,
-101.2330, -10.0730

■ 233.1730,
-43.5080, -15.4760

■ 85.1240, -85.3700,
-5.7060

■ 242.4420,
-25.0320, -8.9040

■ 67.4850, -70.1490,
-0.7170

■ 251.7110, -6.5560,
-2.3320

■ 51.0200, -55.4780,
3.2260

■ 35.8430, -41.6780,
6.4340

■ 21.3670, -28.4740,

9.4300

■ 7.5920, -15.8660,
12.2140

■ 3.3230, -7.9790,
6.9410

■ 166.6130,
-82.2530, -1.6210

■ 166.6130,
-82.2530, -1.6210

■ 152.9690,
-94.9990, -1.9030

■ 179.9580,
-70.1030, -1.5510

■ 139.6240,
-107.1490, -1.9730

■ 193.6020,
-57.3570, -1.2690

■ 126.5670,
-120.1700, -2.7780

■ 206.9470,
-45.2070, -1.1990

■ 120.6420,
-124.7550, -2.2830

■ 220.0040,
-32.1860, -0.3940

■ 233.3490,
-20.0360, -0.3240

■ 246.9930, -7.2900,
-0.0420

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



143.0160, -129.8850, -30.4690



166.6130, -82.2530, -1.6210



180.4990, -37.2330, 19.4950

Triad

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



166.6130, -82.2530, -1.6210



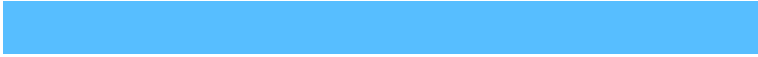
183.3500, 58.4530, 25.4690



171.2870, -9.4390, -32.6950

Complementary

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



166.6130, -82.2530, -1.6210



175.3870, 82.2530, 1.6210

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.



175.8800, 25.6800, -24.8800



166.6130, -82.2530, -1.6210



181.6640, 62.7200, 8.7040

Square

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



166.6130, -82.2530, -1.6210



185.6810, 38.8280, 34.2200



179.4260, 50.9860, -9.9260



162.9630, -52.4450, -35.2370

Rectangle

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



166.6130, -82.2530, -1.6210



184.6230, -7.9830, 29.0490



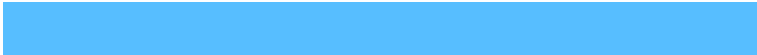
179.4260, 50.9860, -9.9260



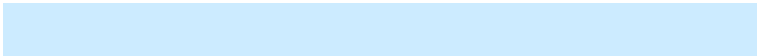
172.9850, 3.2150, -30.7450

Sweetspot

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



166.6130, -82.2530, -1.6210



228.0110, -24.8960, -0.3520



192.9120, -66.7440, -67.9600



111.6870, -15.1760, -0.2960



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.



166.6130, -82.2530, -1.6210



149.1150, -98.3460, -1.8180



117.8920, -59.4280, 41.7880



121.1780, -6.3730, -0.1410



90.4530, -93.4860, -1.7900



30.1890, -31.2690, -0.4930

Inverse Universe

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



148.9740, 67.0650, 67.6490



128.1210, 80.3130, 80.8650



224.1080, 59.4280, -41.7880



119.7990, 5.1800, 5.2440



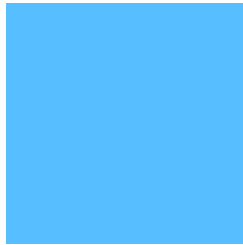
70.4470, 76.2790, 76.8790



23.5820, 25.6250, 25.6970

Previews

White Background



This preview shows how the YIQ color 166.6130, -82.2530, -1.6210 looks on a white background.

Color Contrast Check

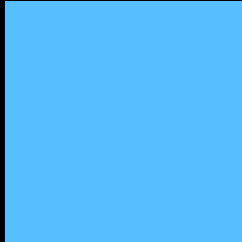
Large Text (above 18pt) WCAG AA × Fail

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 166.6130, -82.2530, -1.6210 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

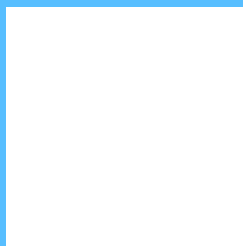
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 166.6130, -82.2530, -1.6210

Background



This preview shows how black text looks on a background with the YIQ color 166.6130, -82.2530, -1.6210.



This preview shows how white text looks on a background with the YIQ color 166.6130, -82.2530, -1.6210.

-1.6210.

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

166.6130, -82.2530, -1.6210

Protanopia

179.6690, -31.9600, 17.5440

Deuteranopia

178.7050, -40.8090, 18.2230



Tritanopia

159.4590, -85.5960, -23.6440

Trichromacy



Original Color

166.6130, -82.2530, -1.6210

Protanomaly

174.9870, -50.7110, 10.4490

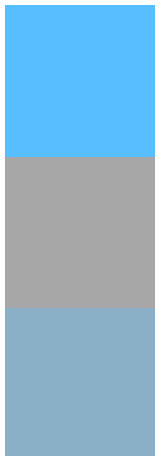
Deuteranomaly

174.1760, -55.6170, 11.2550

Tritanomaly

162.0990, -84.2220, -15.5020

Monochromacy



Original Color

166.6130, -82.2530, -1.6210

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.6730, -29.7560, -0.3800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.6130, -82.2530, -1.6210 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(87, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(87, 190, 255)  
}
```

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(87, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 190, 255) }
```

Border

The CSS property to change the border of an element to YIQ 166.6130, -82.2530, -1.6210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

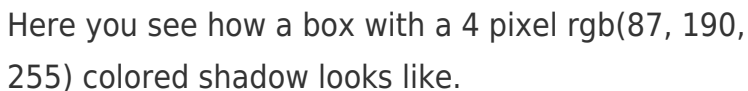
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(87, 190, 255) }
```


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

```
.border{ border-color:rgb(87, 190, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(87, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(87, 190,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 166.6130, -82.2530, -1.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 190, 255) }
```

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

```
.background{ background-color: rgb(87, 190,  
255) }
```

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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