

Converting Colors

YIQ(190.0140, -64.5090,
-3.8130)

Have a look what the booklet for
YIQ(190.0140, -64.5090, -3.8130)
contains.

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Color

**YIQ(190.0140, -64.5090,
-3.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	7ED2FF
RGB	126, 210, 255
RGB Percent	49%, 82%, 100%
CMY	0.5060, 0.1763, 0.0003
CMYK	0.51, 0.18, 0.00, 0.00
HSL	201°, 100%, 75%
HSV	201°, 51%, 100%
XYZ	49.6911, 57.7582, 103.0746
YIQ	190.0140, -64.5090, -3.8130

Conversions

Conversions Part 2

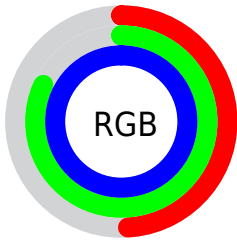
Format	Color
RYB	126, 177, 255
Decimal	8311551
CIELab	80.60, -13.60, -29.82
CIELCh	81, 32.776, 245.479
Yxy	57.7582, 0.2360, 0.2744
Android (android.graphics.Color)	4286501631 (0xFF7ED2FF)
YUV	190.0140, 32.0381, -56.1403
Hunter-Lab	75.9988, -16.2873, -27.2138

Details

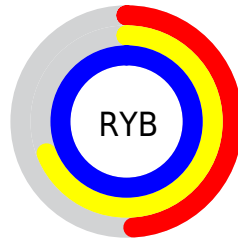
The YIQ color $190.0140, -64.5090, -3.8130$ is a light color, and the websafe version is hex $66CCFF$. A complement of this color would be $190.9860, 64.5090, 3.8130$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.0700, -41.7200, -14.8400$, and $133.2800, -68.3140, -6.4420$ is the 20% darker color. If you saturate the color by 10%, you get $176.9570, -77.5300, -4.6180$, and if you desaturate by 10%, it is $202.7720, -52.0840, -3.2200$.

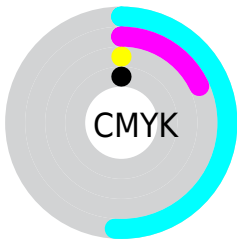
Distribution



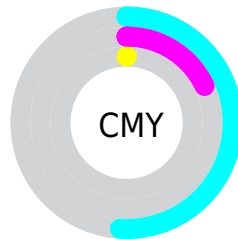
- Red (49%)
- Green (82%)
- Blue (100%)



- Red (49%)
- Yellow (69%)
- Blue (100%)



- Cyan (51%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.0140, -64.5090, -3.8130 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 190.0140, -64.5090, -3.8130 by changing the saturation by 10% instead.

■ 190.0140,
-64.5090, -3.8130

■ 190.0140,
-64.5090, -3.8130

■ 255.0000, -0.0000,
-0.0000

■ 161.3020,
-65.3800, -4.5480

■ 234.0700,
-41.7200, -14.8400

■ 133.2800,
-68.3140, -6.4420

■ 243.0400,
-23.8400, -8.4800

■ 102.0830,
-78.1250, -10.3570

■ 252.0100, -5.9600,
-2.1200

■ 77.4640, -74.8240,
-9.6080

■ 60.4120, -59.8780,
-5.1420

■ 44.0610, -45.5280,
-0.8880

■ 28.9980, -32.0490,

2.6310

■ 10.0540, -17.2870,
10.4330

■ 3.5510, -8.6210,
7.5630

■ 190.0140,
-64.5090, -3.8130

■ 190.0140,
-64.5090, -3.8130

■ 176.9570,
-77.5300, -4.6180

■ 202.7720,
-52.0840, -3.2200

■ 164.1990,
-89.9550, -5.2110

■ 215.8290,
-39.0630, -2.4150

■ 151.1420,
-102.9760, -6.0160

■ 228.5870,
-26.6380, -1.8220

■ 138.9710,
-115.6760, -7.1320

■ 241.6440,
-13.6170, -1.0170

■ 126.5120,
-127.5050, -7.5130

253.8150, -0.9170,
0.0990

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.



184.2650, -73.1260, -18.3580



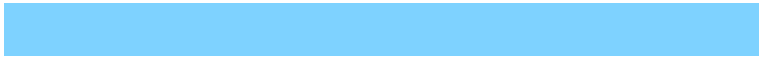
190.0140, -64.5090, -3.8130



197.5880, -36.4060, 10.0100

Triad

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



190.0140, -64.5090, -3.8130



202.3740, 40.7100, 22.1340



194.3860, 3.7640, -24.1720

Complementary

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



190.0140, -64.5090, -3.8130



190.9860, 64.5090, 3.8130

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.



197.8300, 29.1170, -15.5790



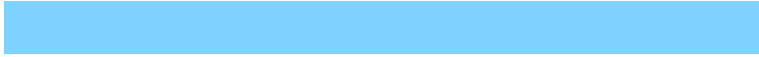
190.0140, -64.5090, -3.8130



201.4160, 48.9190, 11.0230

Square

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



190.0140, -64.5090, -3.8130



204.9670, 23.1030, 27.3510



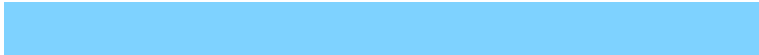
200.7170, 46.0330, -2.7590



189.9940, -27.3670, -27.1670

Rectangle

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



190.0140, -64.5090, -3.8130



202.1500, -17.1970, 19.8190



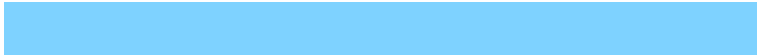
200.7170, 46.0330, -2.7590



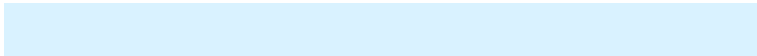
195.3440, 12.7500, -21.8260

Sweetspot

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



190.0140, -64.5090, -3.8130



236.0070, -19.0730, -1.2570



206.6250, -49.2780, -54.0940



116.4270, -11.5080, -0.6920



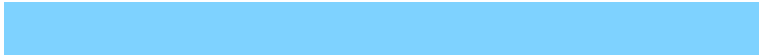
0.0000, 0.0000, 0.0000



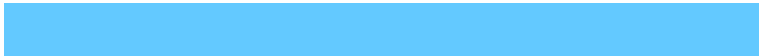
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



190.0140, -64.5090, -3.8130



176.6580, -78.1260, -4.8300



153.0330, -47.1840, 29.1360



121.1780, -6.3730, -0.1410



95.1490, -95.6860, -5.9740



31.9500, -32.0940, -2.0620

Inverse Universe

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



174.1470, 49.9200, 53.4720



157.2720, 60.2340, 64.7940



227.3800, 47.4590, -28.6130



119.7990, 5.1800, 5.2440



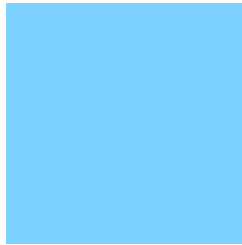
71.3590, 73.7110, 79.3670



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 190.0140, -64.5090, -3.8130 looks on a white background.

Color Contrast Check

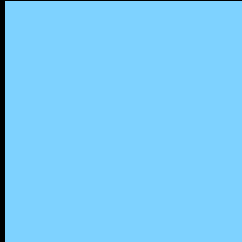
Large Text (above 18pt) WCAG AA × Fail

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 190.0140, -64.5090, -3.8130 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

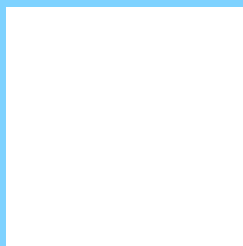
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 190.0140, -64.5090, -3.8130

Background



This preview shows how black text looks on a background with the YIQ color 190.0140, -64.5090, -3.8130.



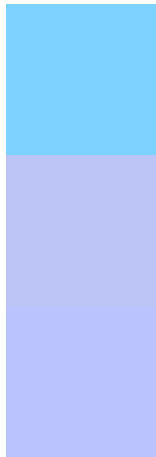
This preview shows how white text looks on a background with the YIQ color 190.0140, -64.5090, -3.8130.

-3.8130.

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

190.0140, -64.5090, -3.8130

Protanopia

199.8950, -21.0930, 13.3310

Deuteranopia

200.3340, -23.7070, 16.6530



Tritanopia

187.2340, -62.6730, -15.0650

Trichromacy



Original Color

190.0140, -64.5090, -3.8130

Protanomaly

196.2950, -37.1390, 6.7730

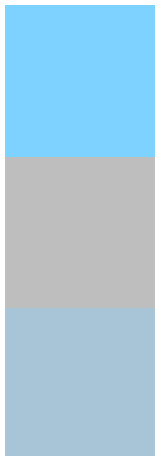
Deuteranomaly

196.3920, -38.7900, 9.1620

Tritanomaly

188.5700, -63.4990, -11.1070

Monochromacy



Original Color

190.0140, -64.5090, -3.8130

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.9680, -23.3370, -1.0730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.0140, -64.5090, -3.8130 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(126, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 210, 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(126, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 210, 255) }
```

Border

The CSS property to change the border of an element to YIQ 190.0140, -64.5090, -3.8130 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(126, 210, 255) }
```


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

```
.border{ border-color:rgb(126, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 210,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 190.0140, -64.5090, -3.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 210, 255) }
```

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

```
.background{ background-color: rgb(126,  
210, 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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