

Converting Colors

YIQ(197.9160, -79.4530,
-19.3330)

Have a look what the booklet for
YIQ(197.9160, -79.4530, -19.3330)
contains.

YIQ(197.9160, -79.4530, -19.3330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(197.9160, -79.4530,
-19.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	6EE8FD
RGB	110, 232, 253
RGB Percent	43%, 91%, 99%
CMY	0.5689, 0.0900, 0.0082
CMYK	0.57, 0.08, 0.00, 0.01
HSL	189°, 97%, 71%
HSV	189°, 57%, 99%
XYZ	53.0088, 68.1391, 103.2162
YIQ	197.9160, -79.4530, -19.3330

Conversions

Conversions Part 2

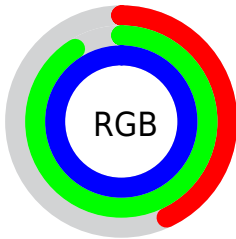
Format	Color
R_{YB}	110, 176, 253
Decimal	7268605
CIE _{Lab}	86.08, -28.42, -20.48
CIE _{LCh}	86, 35.024, 215.775
Yxy	68.1391, 0.2363, 0.3037
Android (android.graphics.Color)	4285458685 (0xFF6EE8FD)
YUV	197.9160, 27.1564, -77.1023
Hunter-Lab	82.5464, -29.8288, -16.3539

Details

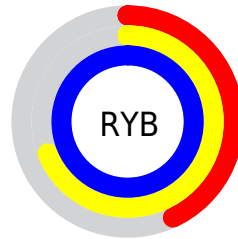
The YIQ color **197.9160, -79.4530, -19.3330** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **165.0840, 79.4530, 19.3330**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1830, -49.4680, -17.5960**, and **135.8220, -91.0520, -23.8840** is the 20% darker color. If you saturate the color by 10%, you get **188.0930, -93.2530, -22.5410**, and if you desaturate by 10%, it is **207.7390, -65.6530, -16.1250**.

Distribution



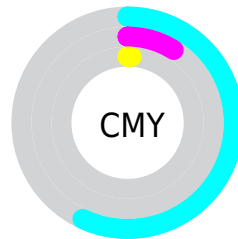
- Red (43%)
- Green (91%)
- Blue (99%)



- Red (43%)
- Yellow (69%)
- Blue (99%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (57%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.9160, -79.4530, -19.3330 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 197.9160, -79.4530, -19.3330 by changing the saturation by 10% instead.

197.9160,
-79.4530, -19.3330

197.9160,
-79.4530, -19.3330

255.0000, -0.0000,
-0.0000

168.0080,
-82.7080, -20.9160

230.1830,
-49.4680, -17.5960

135.8220,
-91.0520, -23.8840

239.1530,
-31.5880, -11.2360

106.7290,
-95.2240, -25.3680

248.4220,
-13.1120, -4.6640

88.5030, -79.7280,
-19.8560

70.8640, -64.5070,
-14.8670

53.9260, -49.8820,
-10.0900

37.2160, -35.8990,

-4.6910

■ 23.4410, -23.2910,
-1.9070

■ 3.5510, -8.6210,
7.5630

■ 197.9160,
-79.4530, -19.3330

■ 197.9160,
-79.4530, -19.3330

■ 188.0930,
-93.2530, -22.5410

■ 207.7390,
-65.6530, -16.1250

■ 178.5580,
-107.9240, -26.4840

■ 217.2740,
-50.9820, -12.1820

■ 168.7350,
-121.7240, -29.6920

■ 227.0970,
-37.1820, -8.9740

■ 158.9120,
-135.5240, -32.9000

■ 236.9200,
-23.3820, -5.7660

■ 155.6340,
-140.6130, -34.2850

■ 246.7430, -9.5820,
-2.5580

254.1850, 0.9170,
-0.0990

254.7720, 0.6420,
-0.6220

Harmonies

Analogous

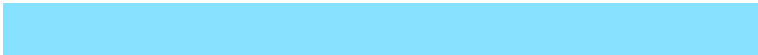
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.3290, -61.9830, -27.5750



197.9160, -79.4530, -19.3330



202.0970, -63.5450, -10.2730

Triad

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



197.9160, -79.4530, -19.3330



218.4120, 20.3520, 27.6480



212.5590, 31.3180, -16.9220

Complementary

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



197.9160, -79.4530, -19.3330



165.0840, 79.4530, 19.3330

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.



213.7770, 45.8040, -4.1160



197.9160, -79.4530, -19.3330



212.3020, 32.0450, 19.4770

Square

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



197.9160, -79.4530, -19.3330



216.9900, -2.0670, 20.9490



210.4150, 41.4920, 7.9560



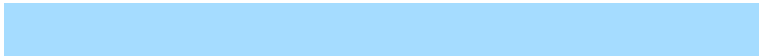
209.0330, 3.2600, -26.0520

Rectangle

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



197.9160, -79.4530, -19.3330



207.5450, -44.0150, -0.7750



210.4150, 41.4920, 7.9560



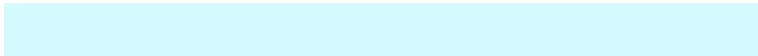
214.0870, 38.6990, -13.0210

Sweetspot

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



197.9160, -79.4530, -19.3330



238.6210, -23.9780, -5.9780



196.1070, -45.4240, -68.8800



117.8780, -14.3960, -3.4200



0.0000, 0.0000, 0.0000



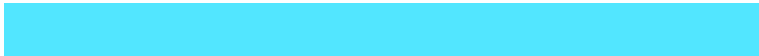
128.0000, -0.0000, -0.0000

Same Dimension

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



197.9160, -79.4530, -19.3330



188.5980, -96.2330, -23.6010



156.8260, -60.2030, 17.2770



122.9390, -7.1980, -1.7100



117.4550, -106.1360, -25.8480



38.9940, -35.3940, -8.3380

Inverse Universe

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



166.6650, 46.0660, 68.2580



150.5990, 55.6000, 82.7040



205.5870, 60.4780, -16.7540



120.1410, 4.2170, 6.1770



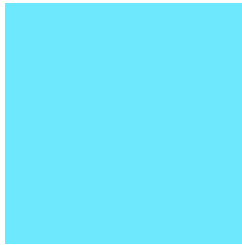
75.6910, 61.5130, 91.1850



25.2920, 20.8100, 30.3620

Previews

White Background



This preview shows how the YIQ color 197.9160, -79.4530, -19.3330 looks on a white background.

Color Contrast Check

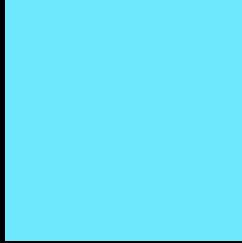
Large Text (above 18pt) WCAG AA × Fail

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 197.9160, -79.4530, -19.3330 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 197.9160, -79.4530, -19.3330 Background



This preview shows how black text looks on a background with the YIQ color 197.9160, -79.4530, -19.3330.



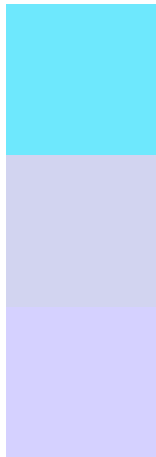
This preview shows how white text looks on a background with the YIQ color 197.9160, -79.4530, -19.3330.

-19.3330.

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

197.9160, -79.4530, -19.3330

Protanopia

214.5940, -10.1800, 8.2840

Deuteranopia

215.4400, -12.3820, 15.1540



Tritanopia

197.3890, -79.4070, -20.1670

Trichromacy



Original Color

197.9160, -79.4530, -19.3330



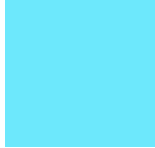
Protanomaly

208.5090, -35.1660, -1.4540



Deuteranomaly

208.9590, -36.3130, 2.8150



Tritanomaly

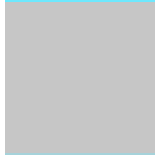
197.5030, -79.7280, -19.8560

Monochromacy



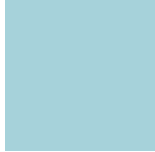
Original Color

197.9160, -79.4530, -19.3330



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

197.7560, -28.7920, -6.8400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.9160, -79.4530, -19.3330 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(110, 232, 253)` looks like.

```
.text, #text, p{  
    color:rgb(110, 232, 253)  
}
```

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(110, 232, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 232, 253) }
```

Border

The CSS property to change the border of an element to YIQ 197.9160, -79.4530, -19.3330 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(110, 232, 253) }
```


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

```
.border{ border-color:rgb(110, 232, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 232, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 232, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 232, 253); box-shadow:4px 4px 4px 4px rgb(110, 232, 253) }
```

Background

The CSS property to change the background color of an element to YIQ 197.9160, -79.4530, -19.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 232, 253) }
```

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

```
.background{ background-color: rgb(110,  
232, 253) }
```

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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