

Converting Colors

YIQ(186.3820, -77.5290,
-10.1450)

Have a look what the booklet for
YIQ(186.3820, -77.5290, -10.1450)
contains.

YIQ(186.3820, -77.5290, -10.1450)	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(186.3820, -77.5290,
-10.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD6FF
RGB	106, 214, 255
RGB Percent	42%, 84%, 100%
CMY	0.5845, 0.1606, 0.0003
CMYK	0.58, 0.16, 0.00, 0.00
HSL	196°, 100%, 71%
HSV	196°, 58%, 100%
XYZ	48.0310, 58.3912, 103.2738
YIQ	186.3820, -77.5290, -10.1450

Conversions

Conversions Part 2

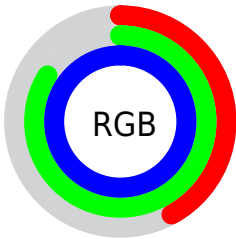
Format	Color
R _Y B	106, 169, 255
Decimal	7001855
CIE Lab	80.96, -19.65, -29.34
CIE LCh	81, 35.315, 236.182
Yxy	58.3912, 0.2291, 0.2785
Android (android.graphics.Color)	4285191935 (0xFF6AD6FF)
YUV	186.3820, 33.8287, -70.4950
Hunter-Lab	76.4141, -21.5264, -26.6407

Details

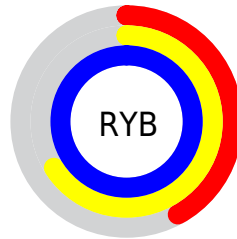
The YIQ color **186.3820, -77.5290, -10.1450** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **174.6180, 77.5290, 10.1450**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.9870, -51.8520, -18.4440**, and **124.2770, -90.5950, -15.6430** is the 20% darker color. If you saturate the color by 10%, you get **174.4990, -91.1000, -11.9960**, and if you desaturate by 10%, it is **197.9660, -64.5540, -8.5060**.

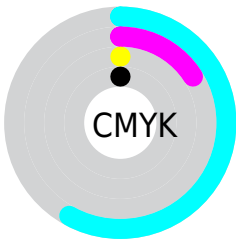
Distribution



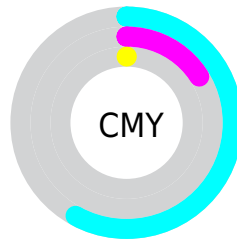
- Red (42%)
- Green (84%)
- Blue (100%)



- Red (42%)
- Yellow (66%)
- Blue (100%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.3820, -77.5290, -10.1450 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 186.3820, -77.5290, -10.1450 by changing the saturation by 10% instead.

186.3820,
-77.5290, -10.1450

186.3820,
-77.5290, -10.1450

255.0000, -0.0000,
-0.0000

156.4740,
-80.7840, -11.7280

228.9870,
-51.8520, -18.4440

123.9780,
-91.1910, -15.8550

237.9570,
-33.9720, -12.0840

97.5650, -91.4660,
-16.3780

247.2260,
-15.4960, -5.5120

79.8120, -75.9240,
-11.7000

62.1730, -60.7030,
-6.7110

45.8220, -46.3530,
-2.4570

30.2860, -32.9200,

1.8960

■ 11.2280, -17.8370,
9.3870

■ 3.5510, -8.6210,
7.5630

■ 186.3820,
-77.5290, -10.1450

■ 186.3820,
-77.5290, -10.1450

■ 174.4990,
-91.1000, -11.9960

■ 197.9660,
-64.5540, -8.5060

■ 162.9150,
-104.0750, -13.6350

■ 209.8490,
-50.9830, -6.6550

■ 151.0320,
-117.6460, -15.4860

■ 221.4330,
-38.0080, -5.0160

■ 139.4480,
-130.6210, -17.1250

■ 233.3160,
-24.4370, -3.1650

■ 137.6650,
-132.7300, -17.4500

■ 244.9000,
-11.4620, -1.5260

255.0000, -0.0000,
-0.0000

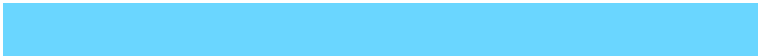
Harmonies

Analogous

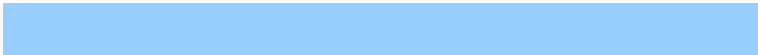
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.1670, -78.9020, -23.8140



186.3820, -77.5290, -10.1450



194.5540, -48.2340, 4.1020

Triad

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



186.3820, -77.5290, -10.1450



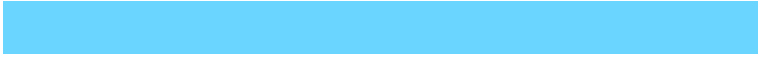
203.7420, 36.8580, 25.8660



196.1760, 13.1630, -23.8050

Complementary

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



186.3820, -77.5290, -10.1450



174.6180, 77.5290, 10.1450

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.



199.2010, 38.3780, -12.7100



186.3820, -77.5290, -10.1450



200.4530, 47.4970, 14.7690

Square

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



186.3820, -77.5290, -10.1450



206.0140, 15.7210, 28.9770



201.8860, 53.0470, 2.2870



191.4310, -18.4720, -28.6800

Rectangle

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



186.3820, -77.5290, -10.1450



200.3120, -26.6410, 14.7590



201.8860, 53.0470, 2.2870



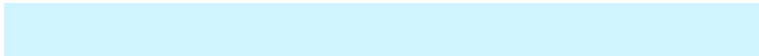
197.5470, 22.4240, -20.9360

Sweetspot

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



186.3820, -77.5290, -10.1450



233.6150, -23.8410, -2.9530



198.0230, -53.8150, -65.4870



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.



186.3820, -77.5290, -10.1450



173.0150, -92.6130, -12.1090



143.5310, -57.4540, 28.0340



121.7650, -6.6480, -0.6640



103.3670, -99.5360, -13.2960



34.2980, -33.1940, -4.1540

Inverse Universe

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



162.8630, 54.1360, 65.1760



144.9280, 64.6790, 77.8550



217.4690, 57.4540, -28.0340



119.9130, 4.8590, 5.5550



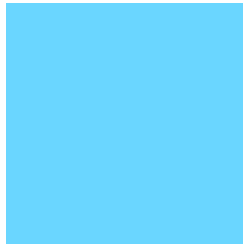
72.9550, 69.2170, 83.7210



24.3800, 23.3780, 27.8740

Previews

White Background



This preview shows how the YIQ color 186.3820, -77.5290, -10.1450 looks on a white background.

Color Contrast Check

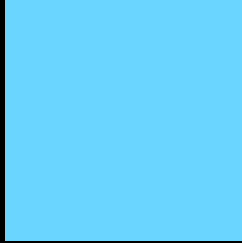
Large Text (above 18pt) WCAG AA × Fail

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 186.3820, -77.5290, -10.1450 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

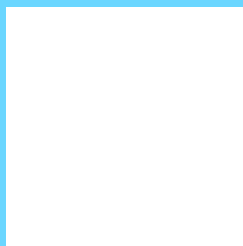
Any Text WCAG AAA ✓ Pass

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

YIQ 186.3820, -77.5290, -10.1450 Background



This preview shows how black text looks on a background with the YIQ color 186.3820, -77.5290, -10.1450.



This preview shows how white text looks on a background with the YIQ color 186.3820, -77.5290, -10.1450.

-10.1450.

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

186.3820, -77.5290, -10.1450

Protanopia

200.4390, -19.8090, 12.0870

Deuteranopia

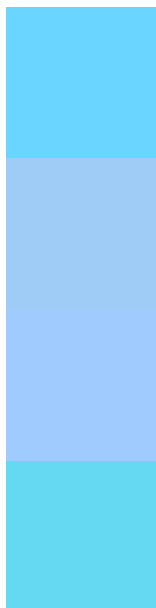
201.2200, -23.3860, 16.3420



Tritanopia

183.4710, -76.7020, -19.6300

Trichromacy



Original Color

186.3820, -77.5290, -10.1450

Protanomaly

195.4470, -40.6230, 3.8330

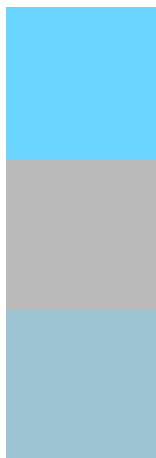
Deuteranomaly

195.7720, -42.9160, 6.8440

Tritanomaly

184.5790, -76.8860, -16.2940

Monochromacy



Original Color

186.3820, -77.5290, -10.1450

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.0490, -28.0590, -3.6030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.3820, -77.5290, -10.1450 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(106, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 214, 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(106, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 214, 255) }
```

Border

The CSS property to change the border of an element to YIQ 186.3820, -77.5290, -10.1450 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(106, 214, 255) }
```


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

```
.border{ border-color:rgb(106, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(106, 214,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 186.3820, -77.5290, -10.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 214, 255) }
```

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

```
.background{ background-color: rgb(106,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor