

Converting Colors

YIQ(188.0150, -30.7190, 0.5530)

Have a look what the booklet for
YIQ(188.0150, -30.7190, 0.5530)
contains.

YIQ(188.0150, -30.7190, 0.5530)	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(188.0150, -30.7190,
0.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC4DF
RGB	159, 196, 223
RGB Percent	62%, 77%, 87%
CMY	0.3765, 0.2313, 0.1256
CMYK	0.29, 0.12, 0.00, 0.13
HSL	205°, 50%, 75%
HSV	205°, 29%, 87%
XYZ	47.3523, 52.1817, 77.3626
YIQ	188.0150, -30.7190, 0.5530

Conversions

Conversions Part 2

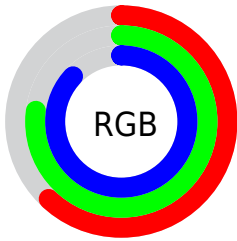
Format	Color
R _Y B	159, 182, 223
Decimal	10470623
CIE Lab	77.39, -6.17, -17.45
CIE LCh	77, 18.507, 250.534
Yxy	52.1817, 0.2677, 0.2950
Android (android.graphics.Color)	4288660703 (0xFF9FC4DF)
YUV	188.0150, 17.2476, -25.4462
Hunter-Lab	72.2369, -9.4054, -12.9312

Details

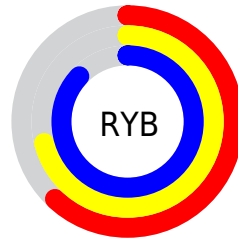
The YIQ color **188.0150, -30.7190, 0.5530** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **193.9850, 30.7190, -0.5530**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8660, -23.2900, -7.4340**, and **134.2000, -29.8020, 0.4540** is the 20% darker color. If you saturate the color by 10%, you get **176.1540, -41.3560, 0.5960**, and if you desaturate by 10%, it is **199.8760, -20.0820, 0.5100**.

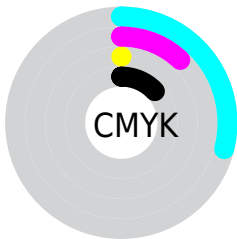
Distribution



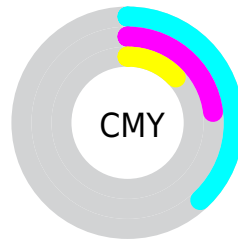
- Red (62%)
- Green (77%)
- Blue (87%)



- Red (62%)
- Yellow (71%)
- Blue (87%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (38%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.0150, -30.7190, 0.5530 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 188.0150, -30.7190, 0.5530 by changing the saturation by 10% instead.

■ 188.0150,
-30.7190, 0.5530

■ 188.0150,
-30.7190, 0.5530

■ 255.0000, -0.0000,
-0.0000

■ 160.9010,
-30.3980, 0.2420

■ 241.8660,
-23.2900, -7.4340

■ 134.2000,
-29.8020, 0.4540

■ 251.7110, -6.5560,
-2.3320

■ 108.6730,
-29.7560, -0.3800

■ 83.6730, -29.7560,
-0.3800

■ 59.5480, -30.9020,
-1.6380

■ 34.7540, -34.4780,
-2.9100

■ 20.3920, -21.5950,

0.3970

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 188.0150,
-30.7190, 0.5530

■ 188.0150,
-30.7190, 0.5530

■ 176.1540,
-41.3560, 0.5960

■ 199.8760,
-20.0820, 0.5100

■ 163.4070,
-52.3140, 0.9500

■ 212.6230, -9.1240,
0.1560

■ 151.5460,
-62.9510, 0.9930

■ 224.4840, 1.5130,
0.1130

■ 139.0980,
-73.3130, 1.5590

■ 236.9320, 11.8750,
-0.4530

■ 127.2370,
-83.9500, 1.6020

■ 244.3080, 13.5720,
-3.6760

■ 115.0770,
-95.1830, 1.4330

■ 249.5910, 11.0970,
-8.3830

■ 102.6290,
-105.5450, 1.9990

■ 251.3520, 10.2720,
-9.9520

■ 101.1450,
-107.0580, 1.8860

Harmonies

Analogous

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



185.6350, -35.7610, -7.1930



188.0150, -30.7190, 0.5530



191.5870, -17.4700, 8.2420

Triad

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



188.0150, -30.7190, 0.5530



194.1500, 26.3610, 12.3530



187.9700, -0.4560, -13.7680

Complementary

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



188.0150, -30.7190, 0.5530



193.9850, 30.7190, -0.5530

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.



189.9180, 14.4900, -9.3020



188.0150, -30.7190, 0.5530



192.9020, 29.7550, 5.9070

Square

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



188.0150, -30.7190, 0.5530



194.8700, 15.5860, 14.8980



191.5930, 25.9510, -2.2490



185.6460, -17.0990, -15.0110

Rectangle

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



188.0150, -30.7190, 0.5530



193.2680, -6.1460, 12.2700



191.5930, 25.9510, -2.2490



188.1340, 4.9540, -12.6940

Sweetspot

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



188.0150, -30.7190, 0.5530



242.2530, -10.9580, 0.3540



199.6460, -26.2670, -25.0750



119.9930, -7.2900, -0.0420



0.0000, 0.0000, 0.0000



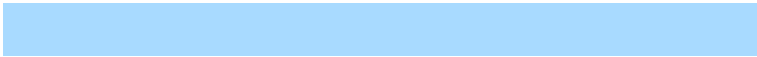
128.0000, -0.0000, -0.0000

Same Dimension

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



188.0150, -30.7190, 0.5530



207.2680, -41.6770, 0.9070



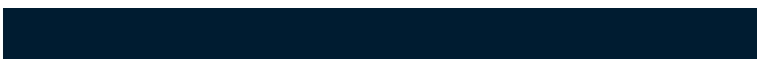
169.2310, -21.9190, 17.2890



105.7760, -5.1810, 0.2830



79.9380, -84.5460, 1.3900



21.9080, -23.1080, 0.2840

Inverse Universe

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



182.3540, 26.2670, 25.0750



199.7130, 35.8020, 33.9940



212.7690, 21.9190, -17.2890



104.9730, 4.6300, 4.1980



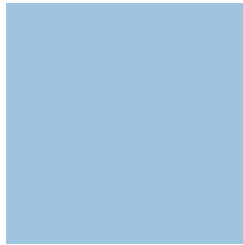
64.2520, 72.1540, 69.0340



17.5440, 19.6200, 18.8840

Previews

White Background



This preview shows how the YIQ color 188.0150, -30.7190, 0.5530 looks on a white background.

Color Contrast Check

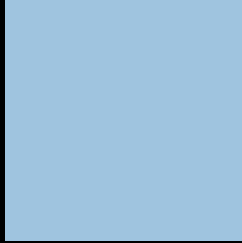
Large Text (above 18pt) WCAG AA × Fail

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 188.0150, -30.7190, 0.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

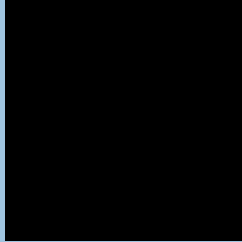
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.0150, -30.7190, 0.5530

Background



This preview shows how black text looks on a background with the YIQ color 188.0150, -30.7190, 0.5530.



This preview shows how white text looks on a background with the YIQ color 188.0150, -30.7190,

0.5530.

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

188.0150, -30.7190, 0.5530

Protanopia

191.4090, -11.0970, 8.3830

Deuteranopia

192.5390, -8.3470, 13.6130



Tritanopia

187.4510, -29.2510, -4.0270

Trichromacy



Original Color

188.0150, -30.7190, 0.5530

Protanomaly

190.4080, -18.5240, 5.3160

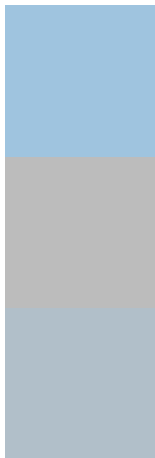
Deuteranomaly

191.1850, -16.2780, 8.6660

Tritanomaly

187.6190, -29.6640, -2.0480

Monochromacy



Original Color

188.0150, -30.7190, 0.5530

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9540, -11.5540, 0.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.0150, -30.7190, 0.5530 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(159, 196, 223)` looks like.

```
.text, #text, p{  
    color:rgb(159, 196, 223)  
}
```

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(159, 196, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 196, 223) }
```

Border

The CSS property to change the border of an element to YIQ 188.0150, -30.7190, 0.5530 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(159, 196, 223) }
```


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

```
.border{ border-color:rgb(159, 196, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 196, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 196, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 196, 223);  
box-shadow:4px 4px 4px 4px rgb(159, 196,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 188.0150, -30.7190, 0.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 196, 223) }
```

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

```
.background{ background-color: rgb(159,  
196, 223) }
```

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