

Converting Colors

YIQ(228.1560, -44.8380,
-13.3980)

Have a look what the booklet for
YIQ(228.1560, -44.8380, -13.3980)
contains.

YIQ(228.1560, -44.8380, -13.3980)	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(228.1560, -44.8380,
-13.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	B1F9FF
RGB	177, 249, 255
RGB Percent	69%, 98%, 100%
CMY	0.3060, 0.0234, 0.0002
CMYK	0.31, 0.02, 0.00, 0.00
HSL	185°, 100%, 85%
HSV	185°, 31%, 100%
XYZ	70.0493, 84.3292, 107.1536
YIQ	228.1560, -44.8380, -13.3980

Conversions

Conversions Part 2

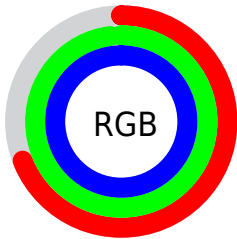
Format	Color
RYB	177, 214, 255
Decimal	11663871
CIELab	93.59, -20.75, -9.98
CIELCh	94, 23.022, 205.694
Yxy	84.3292, 0.2678, 0.3224
Android (android.graphics.Color)	4289853951 (0xFFB1F9FF)
YUV	228.1560, 13.2341, -44.8638
Hunter-Lab	91.8309, -24.5431, -4.9013

Details

The YIQ color $228.1560, -44.8380, -13.3980$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $203.8440, 44.8380, 13.3980$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0200, -11.9200, -4.2400$, and $171.4550, -44.2420, -13.1860$ is the 20% darker color. If you saturate the color by 10%, you get $219.2080, -59.7840, -17.8640$, and if you desaturate by 10%, it is $236.8050, -30.4880, -9.1440$.

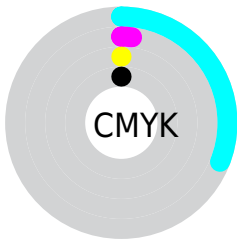
Distribution



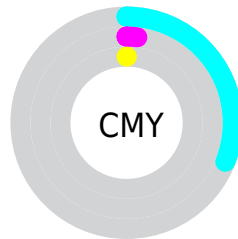
- Red (69%)
- Green (98%)
- Blue (100%)



- Red (69%)
- Yellow (84%)
- Blue (100%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.1560, -44.8380, -13.3980 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 228.1560, -44.8380, -13.3980 by changing the saturation by 10% instead.

228.1560,
-44.8380, -13.3980

228.1560,
-44.8380, -13.3980

255.0000, -0.0000,
-0.0000

199.4550,
-44.2420, -13.1860

249.0200,
-11.9200, -4.2400

171.4550,
-44.2420, -13.1860

144.4550,
-44.2420, -13.1860

118.0420,
-44.5170, -13.7090

90.9600, -47.2220,
-14.2460

62.3720, -54.3740,
-16.7900

46.2490, -40.6660,

-11.9140

■ 30.1260, -26.9580,
-7.0380

■ 15.9920, -14.7170,
-3.1090

■ 228.1560,
-44.8380, -13.3980

■ 228.1560,
-44.8380, -13.3980

■ 219.2080,
-59.7840, -17.8640

■ 236.8050,
-30.4880, -9.1440

■ 210.5590,
-74.1340, -22.1180

■ 245.7530,
-15.5420, -4.6780

■ 201.6110,
-89.0800, -26.5840

■ 254.4020, -1.1920,
-0.4240

■ 192.9620,
-103.4300, -30.8380

■ 255.0000, -0.0000,
-0.0000

■ 184.0140,
-118.3760, -35.3040

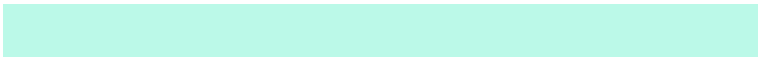
■ 175.3650,
-132.7260, -39.5580

■ 167.6020,
-146.7550, -44.1230

Harmonies

Analogous

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



228.5240, -31.4950, -18.4310



228.1560, -44.8380, -13.3980



228.7870, -39.2450, -10.1330

Triad

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



228.1560, -44.8380, -13.3980



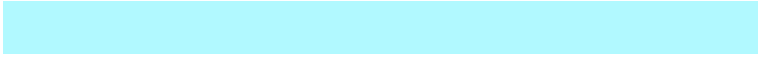
237.3900, 8.2500, 15.6900



235.6050, 25.6770, -8.2990

Complementary

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



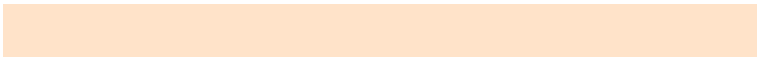
228.1560, -44.8380, -13.3980



203.8440, 44.8380, 13.3980

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.



232.4080, 25.0340, -2.1500



228.1560, -44.8380, -13.3980



233.4460, 13.8440, 13.4280

Square

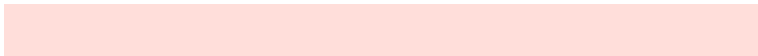
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.1560, -44.8380, -13.3980



236.1170, -4.4030, 8.2130



231.4110, 20.9520, 5.7520



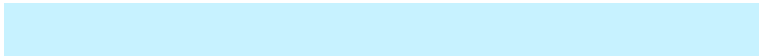
233.4780, 9.6770, -15.6910

Rectangle

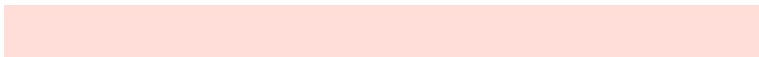
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.1560, -44.8380, -13.3980



230.6250, -29.8010, -5.0730



231.4110, 20.9520, 5.7520



233.9580, 26.1810, -6.4190

Sweetspot

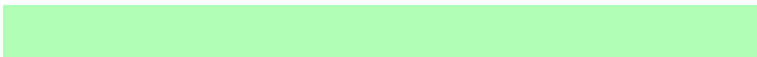
The Sweet Spot groups the original color and five complimentary colors.



228.1560, -44.8380, -13.3980



246.9490, -13.1580, -3.8300



223.3560, -23.0550, -39.2390



122.3410, -8.3900, -2.1340



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.



228.1560, -44.8380, -13.3980



222.7850, -54.0990, -16.2670



205.8500, -34.3880, 6.4760



123.5260, -7.4730, -2.2330



125.6730, -109.9860, -33.1700



41.9290, -36.7690, -10.9530

Inverse Universe

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



208.5300, 23.3760, 38.9280



199.0240, 28.0970, 46.9850



226.1500, 34.3880, -6.4760



120.2550, 3.8960, 6.4880



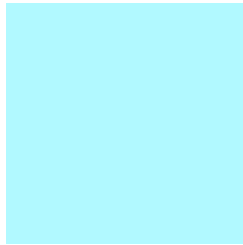
77.2870, 57.0190, 95.5390



25.8620, 19.2050, 31.9170

Previews

White Background



This preview shows how the YIQ color 228.1560, -44.8380, -13.3980 looks on a white background.

Color Contrast Check

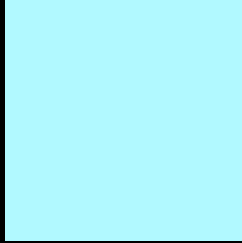
Large Text (above 18pt) WCAG AA × Fail

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 228.1560, -44.8380, -13.3980 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 228.1560, -44.8380, -13.3980 Background



This preview shows how black text looks on a background with the YIQ color 228.1560, -44.8380, -13.3980.



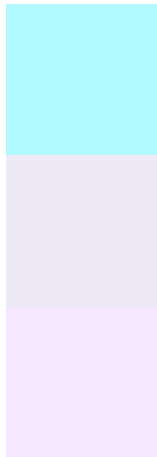
This preview shows how white text looks on a background with the YIQ color 228.1560, -44.8380, -13.3980.

-13.3980.

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

228.1560, -44.8380, -13.3980

Protanopia

236.2650, -2.0640, 4.3680

Deuteranopia

237.6340, 1.5110, 11.1670



Tritanopia

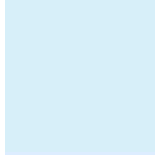
232.7070, -27.0960, -4.5360

Trichromacy



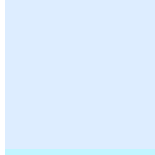
Original Color

228.1560, -44.8380, -13.3980



Protanomaly

232.9640, -17.5140, -1.9780



Deuteranomaly

234.2680, -15.3140, 2.2060



Tritanomaly

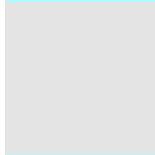
230.8910, -33.6060, -7.7020

Monochromacy



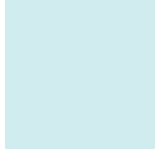
Original Color

228.1560, -44.8380, -13.3980



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.1550, -16.7340, -5.1020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.1560, -44.8380, -13.3980 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(177, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 249, 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(177, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 249, 255) }
```

Border

The CSS property to change the border of an element to YIQ 228.1560, -44.8380, -13.3980 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(177, 249, 255) }
```


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

```
.border{ border-color:rgb(177, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 249,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 228.1560, -44.8380, -13.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 249, 255) }
```

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

```
.background{ background-color: rgb(177,  
249, 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