

Converting Colors

YIQ(229.2280, -45.3410,
-20.8050)

Have a look what the booklet for
YIQ(229.2280, -45.3410, -20.8050)
contains.

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Color

**YIQ(229.2280, -45.3410,
-20.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFFF4
RGB	173, 255, 244
RGB Percent	68%, 100%, 96%
CMY	0.3218, 0.0000, 0.0433
CMYK	0.32, 0.00, 0.04, 0.00
HSL	172°, 100%, 84%
HSV	172°, 32%, 100%
XYZ	69.3047, 86.9274, 98.6791
YIQ	229.2280, -45.3410, -20.8050

Conversions

Conversions Part 2

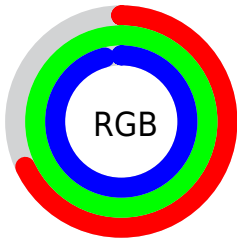
Format	Color
RYB	173, 217, 255
Decimal	11403252
CIELab	94.71, -27.15, -2.67
CIELCh	95, 27.285, 185.619
Yxy	86.9274, 0.2719, 0.3410
Android (android.graphics.Color)	4289593332 (0xFFADFFF4)
YUV	229.2280, 7.2826, -49.3120
Hunter-Lab	93.2348, -30.4758, 2.5123

Details

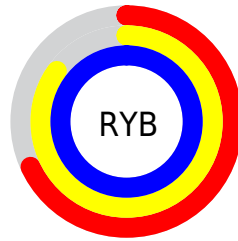
The YIQ color **229.2280, -45.3410, -20.8050** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **198.7720, 45.3410, 20.8050**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.8240, -14.3040, -5.0880**, and **172.6410, -45.0660, -20.2820** is the 20% darker color. If you saturate the color by 10%, you get **221.1120, -59.8740, -27.2500**, and if you desaturate by 10%, it is **237.0450, -31.4040, -14.5720**.

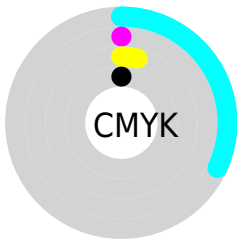
Distribution



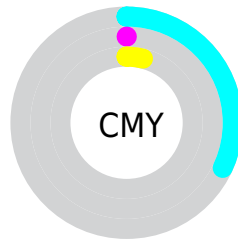
- Red (68%)
- Green (100%)
- Blue (96%)



- Red (68%)
- Yellow (85%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.2280, -45.3410, -20.8050 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 229.2280, -45.3410, -20.8050 by changing the saturation by 10% instead.

■ 229.2280,
-45.3410, -20.8050

■ 229.2280,
-45.3410, -20.8050

255.0000, -0.0000,
-0.0000

■ 200.6410,
-45.0660, -20.2820

■ 247.8240,
-14.3040, -5.0880

■ 172.6410,
-45.0660, -20.2820

■ 145.6410,
-45.0660, -20.2820

■ 118.4560,
-45.9830, -20.1830

■ 90.9610, -48.9630,
-21.2430

■ 64.2810, -52.8600,
-22.2040

■ 47.5710, -38.8770,

-16.8050

■ 31.5620, -25.4900,
-11.6180

■ 17.5420, -13.5700,
-7.3780

■ 229.2280,
-45.3410, -20.8050

■ 229.2280,
-45.3410, -20.8050

■ 221.1120,
-59.8740, -27.2500

■ 237.0450,
-31.4040, -14.5720

■ 213.1810,
-73.4900, -33.7940

■ 245.2750,
-17.1920, -7.8160

■ 205.0650,
-88.0230, -40.2390

■ 253.0920, -3.2550,
-1.5830

■ 197.1340,
-101.6390, -46.7830

■ 255.0000, -0.0000,
-0.0000

■ 189.0180,
-116.1720, -53.2280

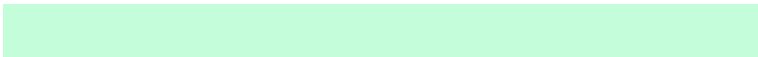
■ 181.0870,
-129.7880, -59.7720

■ 174.8790,
-141.0660, -64.6340

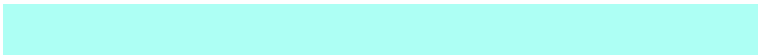
Harmonies

Analogous

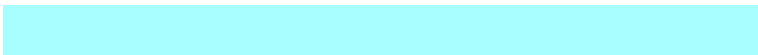
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.8530, -22.4160, -23.2800



229.2280, -45.3410, -20.8050



227.5140, -51.8980, -17.6100

Triad

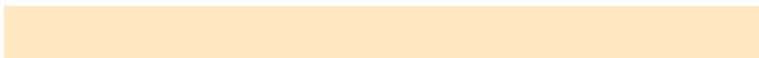
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.2280, -45.3410, -20.8050



239.7160, 4.2160, 11.7040



233.8440, 26.5020, -6.7300

Complementary

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



229.2280, -45.3410, -20.8050



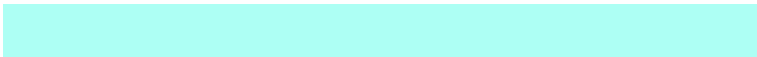
198.7720, 45.3410, 20.8050

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.



231.6730, 22.9700, 2.2180



229.2280, -45.3410, -20.8050



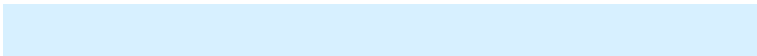
236.8030, 8.5250, 16.2130

Square

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



229.2280, -45.3410, -20.8050



234.2350, -19.7150, -0.6350



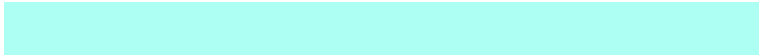
232.8760, 15.4490, 11.8730



238.4430, 25.9530, -13.3030

Rectangle

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



229.2280, -45.3410, -20.8050



228.1450, -46.3050, -14.3450



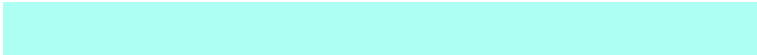
232.8760, 15.4490, 11.8730



232.5390, 26.0430, -3.9170

Sweetspot

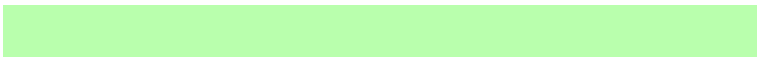
The Sweet Spot groups the original color and five complimentary colors.



229.2280, -45.3410, -20.8050



247.1830, -13.9370, -6.2330



224.7220, -15.3980, -40.3420



122.8740, -8.5730, -4.3250



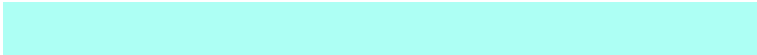
0.0000, 0.0000, 0.0000



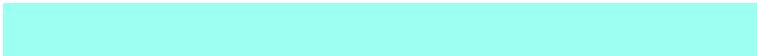
128.0000, -0.0000, -0.0000

Same Dimension

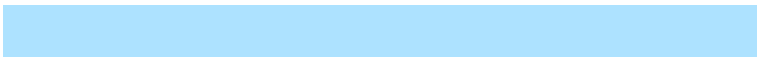
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.2280, -45.3410, -20.8050



223.9170, -54.8310, -25.0310



213.4590, -40.8970, -2.2170



123.8850, -7.1060, -3.3780



131.0410, -105.8110, -48.2670



43.8380, -35.2550, -16.3670

Inverse Universe

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



198.7720, 45.3410, 20.8050



187.0830, 54.8310, 25.0310



214.5410, 40.8970, 2.2170



119.0010, 7.4270, 3.0670



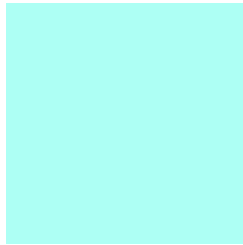
60.0730, 105.4900, 48.5780



20.1620, 35.2550, 16.3670

Previews

White Background



This preview shows how the YIQ color 229.2280, -45.3410, -20.8050 looks on a white background.

Color Contrast Check

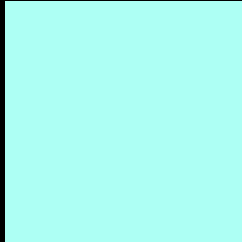
Large Text (above 18pt) WCAG AA × Fail

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 229.2280, -45.3410, -20.8050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

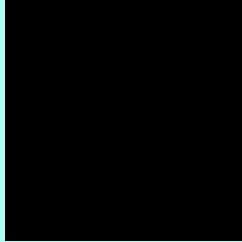
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

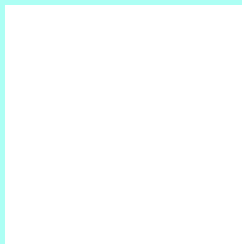
Any Text WCAG AAA ✓ Pass

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

YIQ 229.2280, -45.3410, -20.8050 Background



This preview shows how black text looks on a background with the YIQ color 229.2280, -45.3410, -20.8050.



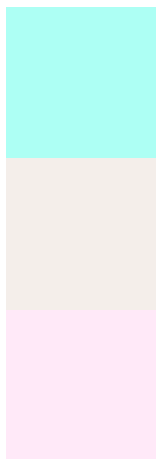
This preview shows how white text looks on a background with the YIQ color 229.2280, -45.3410, -20.8050.

-20.8050.

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

229.2280, -45.3410, -20.8050

Protanopia

239.3380, 4.8600, 0.0280

Deuteranopia

241.2880, 8.2970, 9.3290



Tritanopia

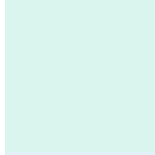
236.5720, -22.2820, -3.6740

Trichromacy



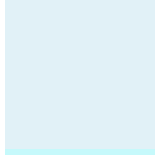
Original Color

229.2280, -45.3410, -20.8050



Protanomaly

235.5420, -13.5700, -7.3780



Deuteranomaly

236.9000, -11.4620, -1.5260



Tritanomaly

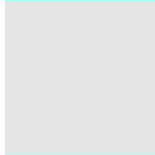
233.9790, -31.0380, -10.1900

Monochromacy



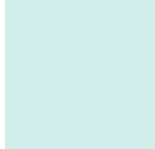
Original Color

229.2280, -45.3410, -20.8050



Achromatopsia

229.0000, -0.0000, -0.0000



Achromatomaly

228.8730, -16.0000, -7.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.2280, -45.3410, -20.8050 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(173, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 244)  
}
```

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(173, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 244) }
```

Border

The CSS property to change the border of an element to YIQ 229.2280, -45.3410, -20.8050 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(173, 255, 244) }
```


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

```
.border{ border-color:rgb(173, 255, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 229.2280, -45.3410, -20.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 244) }
```

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

```
.background{ background-color: rgb(173,  
255, 244) }
```

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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