

Converting Colors

YIQ(214.1080, -80.4140,
-29.4540)

Have a look what the booklet for
YIQ(214.1080, -80.4140, -29.4540)
contains.

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Color

**YIQ(214.1080, -80.4140,
-29.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	77FFFD
RGB	119, 255, 253
RGB Percent	47%, 100%, 99%
CMY	0.5336, 0.0000, 0.0082
CMYK	0.53, 0.00, 0.01, 0.00
HSL	179°, 100%, 73%
HSV	179°, 53%, 100%
XYZ	61.0731, 82.5228, 105.5705
YIQ	214.1080, -80.4140, -29.4540

Conversions

Conversions Part 2

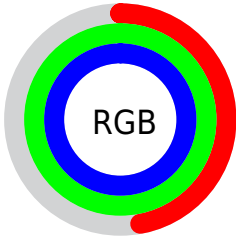
Format	Color
RYB	119, 188, 255
Decimal	7864317
CIELab	92.81, -37.53, -10.36
CIELCh	93, 38.930, 195.427
Yxy	82.5228, 0.2451, 0.3312
Android (android.graphics.Color)	4286054397 (0xFF77FFFD)
YUV	214.1080, 19.1738, -83.4097
Hunter-Lab	90.8420, -38.9680, -5.3134

Details

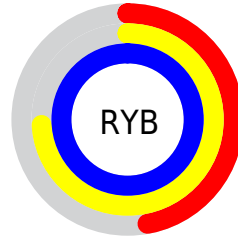
The YIQ color **214.1080, -80.4140, -29.4540** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **159.8920, 80.4140, 29.4540**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, -44.1040, -15.6880**, and **152.6230, -89.3540, -32.6340** is the 20% darker color. If you saturate the color by 10%, you get **206.3340, -95.9100, -34.9660**, and if you desaturate by 10%, it is **221.5830, -65.5140, -24.1540**.

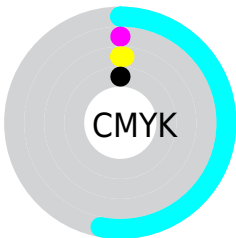
Distribution



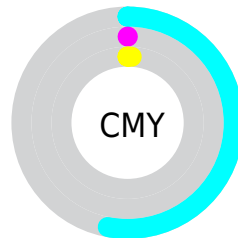
- Red (47%)
- Green (100%)
- Blue (99%)



- Red (47%)
- Yellow (74%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.1080, -80.4140, -29.4540 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 214.1080, -80.4140, -29.4540 by changing the saturation by 10% instead.

214.1080,
-80.4140, -29.4540

214.1080,
-80.4140, -29.4540

255.0000, -0.0000,
-0.0000

183.9120,
-82.7980, -30.3020

232.8740,
-44.1040, -15.6880

152.6230,
-89.3540, -32.6340

242.1430,
-25.6280, -9.1160

119.0560,
-100.9990, -36.3510

251.1130, -7.7480,
-2.7560

100.2430,
-85.2280, -30.3160

82.0170, -69.7320,
-24.8040

64.6060, -55.1530,
-19.1930

47.1950, -40.5740,

-13.5820

■ 31.7730, -27.4620,
-8.9180

■ 13.5300, -13.2960,
-1.3280

■ 214.1080,
-80.4140, -29.4540

■ 214.1080,
-80.4140, -29.4540

■ 206.3340,
-95.9100, -34.9660

■ 221.5830,
-65.5140, -24.1540

■ 198.7450,
-110.4890, -40.5770

■ 229.4710,
-50.3390, -18.3310

■ 190.9710,
-125.9850, -46.0890

■ 236.9460,
-35.4390, -13.0310

■ 183.3820,
-140.5640, -51.7000

■ 244.7200,
-19.9430, -7.5190

■ 178.2990,
-150.6960, -55.3040

■ 252.3090, -5.3640,
-1.9080

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.



219.8390, -46.1640, -33.4280



214.1080, -80.4140, -29.4540



211.9770, -81.4230, -27.6870

Triad

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



214.1080, -80.4140, -29.4540



233.2810, 10.1750, 19.3510



227.3750, 37.8280, -13.7560

Complementary

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



214.1080, -80.4140, -29.4540



159.8920, 80.4140, 29.4540

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.



222.7250, 34.3870, -0.9490



214.1080, -80.4140, -29.4540



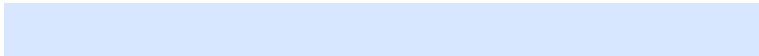
227.2970, 13.2460, 24.2700

Square

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



214.1080, -80.4140, -29.4540



228.6530, -17.8360, 3.8600



222.3780, 25.7190, 12.9750



230.1190, 26.5050, -23.3110

Rectangle

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



214.1080, -80.4140, -29.4540



216.2180, -65.7440, -19.9840



222.3780, 25.7190, 12.9750



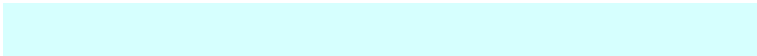
225.0100, 37.5980, -9.5860

Sweetspot

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



214.1080, -80.4140, -29.4540



242.6270, -24.1150, -9.0030



199.4300, -36.2080, -70.7040



120.4110, -14.5790, -5.6110



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.



214.1080, -80.4140, -29.4540



206.0350, -96.5060, -35.1780



175.5940, -62.9060, 5.6860



123.9990, -7.4270, -3.0670



133.5490, -112.8730, -41.4250



44.7500, -37.8230, -13.8790

Inverse Universe

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



159.8920, 80.4140, 29.4540



140.9650, 96.5060, 35.1780



198.4060, 62.9060, -5.6860



118.8870, 7.7480, 2.7560



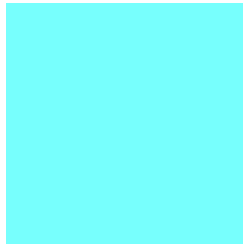
57.4510, 112.8730, 41.4250



19.2500, 37.8230, 13.8790

Previews

White Background



This preview shows how the YIQ color 214.1080, -80.4140, -29.4540 looks on a white background.

Color Contrast Check

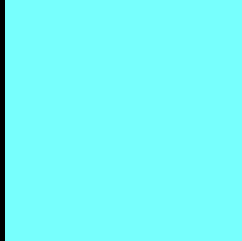
Large Text (above 18pt) WCAG AA × Fail

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 214.1080, -80.4140, -29.4540 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 214.1080, -80.4140, -29.4540 Background



This preview shows how black text looks on a background with the YIQ color 214.1080, -80.4140, -29.4540.



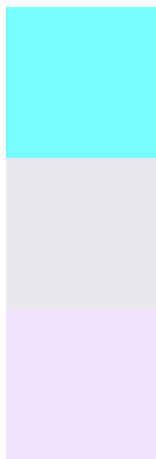
This preview shows how white text looks on a background with the YIQ color 214.1080, -80.4140, -29.4540.

-29.4540.

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

214.1080, -80.4140, -29.4540

Protanopia

233.1080, -0.1840, 3.3360

Deuteranopia

234.9650, -0.9190, 11.1530



Tritanopia

227.0260, -38.4200, -8.5640

Trichromacy



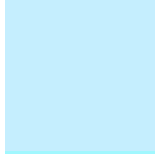
Original Color

214.1080, -80.4140, -29.4540



Protanomaly

226.4030, -29.2960, -8.7200



Deuteranomaly

227.5650, -29.5720, -3.7160



Tritanomaly

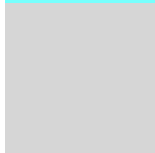
222.0840, -53.5030, -16.0550

Monochromacy



Original Color

214.1080, -80.4140, -29.4540



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

213.9360, -29.4790, -10.9110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.1080, -80.4140, -29.4540 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(119, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(119, 255, 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(119, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 255, 253) }
```

Border

The CSS property to change the border of an element to YIQ 214.1080, -80.4140, -29.4540 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

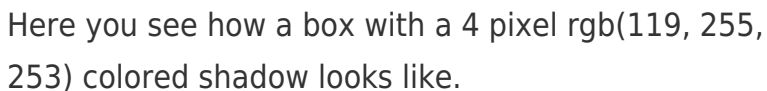
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 255, 253) }
```


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

```
.border{ border-color:rgb(119, 255, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(119, 255,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 214.1080, -80.4140, -29.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 255, 253) }
```

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

```
.background{ background-color: rgb(119,  
255, 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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