

Converting Colors

YIQ(209.3410, -79.4520,
-24.8600)

Have a look what the booklet for
YIQ(209.3410, -79.4520, -24.8600)
contains.

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Color

**YIQ(209.3410, -79.4520,
-24.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	76F7FF
RGB	118, 247, 255
RGB Percent	46%, 97%, 100%
CMY	0.5375, 0.0311, 0.0003
CMYK	0.54, 0.03, 0.00, 0.00
HSL	183°, 100%, 73%
HSV	183°, 54%, 100%
XYZ	58.7749, 77.6156, 106.4221
YIQ	209.3410, -79.4520, -24.8600

Conversions

Conversions Part 2

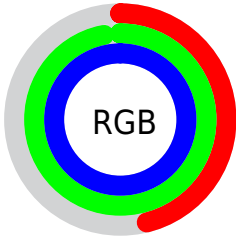
Format	Color
R_{YB}	118, 184, 255
Decimal	7796735
CIE _{Lab}	90.60, -33.52, -14.68
CIE _{LCh}	91, 36.596, 203.652
Y _{xy}	77.6156, 0.2421, 0.3197
Android (android.graphics.Color)	4285986815 (0xFF76F7FF)
YUV	209.3410, 22.5099, -80.1061
Hunter-Lab	88.0997, -35.0899, -9.9509

Details

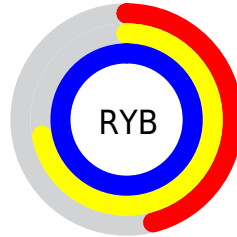
The YIQ color **209.3410, -79.4520, -24.8600** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **163.6590, 79.4520, 24.8600**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5750, -44.7000, -15.9000**, and **147.8560, -88.3920, -28.0400** is the 20% darker color. If you saturate the color by 10%, you get **200.9800, -94.6730, -29.8490**, and if you desaturate by 10%, it is **217.9900, -65.1020, -20.6060**.

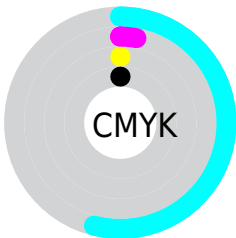
Distribution



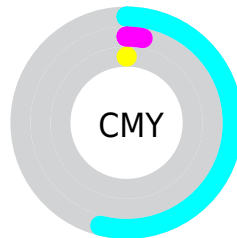
- Red (46%)
- Green (97%)
- Blue (100%)



- Red (46%)
- Yellow (72%)
- Blue (100%)



- Cyan (54%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.3410, -79.4520, -24.8600 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 209.3410, -79.4520, -24.8600 by changing the saturation by 10% instead.

209.3410,
-79.4520, -24.8600

209.3410,
-79.4520, -24.8600

255.0000, -0.0000,
-0.0000

179.1450,
-81.8360, -25.7080

232.5750,
-44.7000, -15.9000

147.8560,
-88.3920, -28.0400

241.5450,
-26.8200, -9.5400

115.1750,
-99.7160, -32.0680

250.8140, -8.3440,
-2.9680

96.2480, -83.6240,
-26.3440

78.1360, -68.4490,
-20.5210

61.1980, -53.8240,
-15.7440

44.4880, -39.8410,

-10.3450

■ 28.9520, -26.4080,
-5.9920

■ 6.7140, -10.6380,
5.5700

■ 209.3410,
-79.4520, -24.8600

■ 209.3410,
-79.4520, -24.8600

■ 200.9800,
-94.6730, -29.8490

■ 217.9900,
-65.1020, -20.6060

■ 192.3310,
-109.0230, -34.1030

■ 226.3510,
-49.8810, -15.6170

■ 183.9700,
-124.2440, -39.0920

■ 234.4130,
-35.2560, -10.8400

■ 175.3210,
-138.5940, -43.3460

■ 243.3610,
-20.3100, -6.3740

■ 169.9500,
-147.8550, -46.2150

■ 251.4230, -5.6850,
-1.5970

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.



213.0110, -52.4000, -30.5440



209.3410, -79.4520, -24.8600



209.9830, -72.3920, -20.6480

Triad

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



209.3410, -79.4520, -24.8600



228.5850, 12.3750, 23.5350



225.2720, 39.6160, -13.1200

Complementary

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



209.3410, -79.4520, -24.8600



163.6590, 79.4520, 24.8600

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.



220.4110, 38.1470, -3.0130



209.3410, -79.4520, -24.8600



222.4240, 20.0780, 21.5980

Square

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



209.3410, -79.4520, -24.8600



226.0610, -9.9970, 10.4750



218.4340, 31.3130, 10.7130



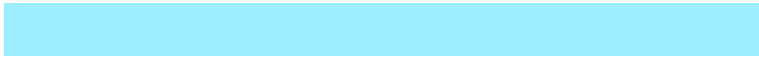
222.9160, 16.8310, -24.2010

Rectangle

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



209.3410, -79.4520, -24.8600



214.5340, -54.6500, -11.7860



218.4340, 31.3130, 10.7130



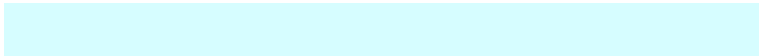
223.1520, 40.0740, -10.4060

Sweetspot

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



209.3410, -79.4520, -24.8600



241.5670, -23.8860, -7.6460



199.2170, -39.9220, -69.4740



119.3510, -14.3500, -4.2540



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.



209.3410, -79.4520, -24.8600



200.9800, -94.6730, -29.8490



170.0120, -61.0270, 10.1810



123.5260, -7.4730, -2.2330



127.4340, -110.8110, -34.7390



42.5160, -37.0440, -11.4760

Inverse Universe

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



173.6690, 40.2430, 69.1630



158.2930, 47.7140, 82.4500



202.9880, 61.0270, -10.1810



120.2550, 3.8960, 6.4880



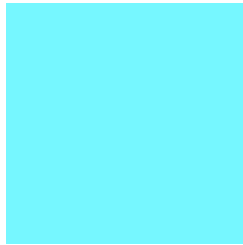
77.6290, 56.0560, 96.4720



25.9760, 18.8840, 32.2280

Previews

White Background



This preview shows how the YIQ color 209.3410, -79.4520, -24.8600 looks on a white background.

Color Contrast Check

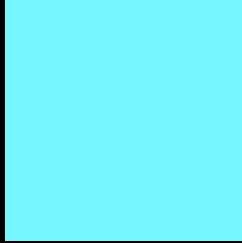
Large Text (above 18pt) WCAG AA × Fail

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 209.3410, -79.4520, -24.8600 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 209.3410, -79.4520, -24.8600 Background



This preview shows how black text looks on a background with the YIQ color 209.3410, -79.4520, -24.8600.



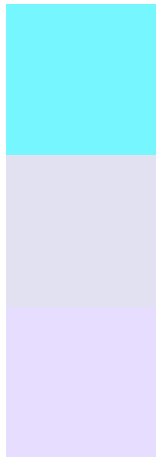
This preview shows how white text looks on a background with the YIQ color 209.3410, -79.4520, -24.8600.

-24.8600.

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

209.3410, -79.4520, -24.8600

Protanopia

227.1230, -4.5400, 5.1880

Deuteranopia

228.4530, -5.2290, 12.1710



Tritanopia

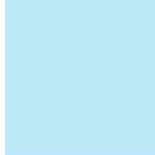
217.7900, -52.4950, -12.2950

Trichromacy



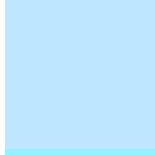
Original Color

209.3410, -79.4520, -24.8600



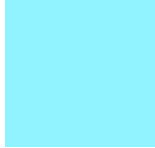
Protanomaly

220.7280, -31.5890, -5.7090



Deuteranomaly

221.4770, -32.1400, -1.2280



Tritanomaly

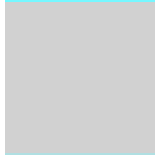
215.0660, -62.2600, -17.0440

Monochromacy



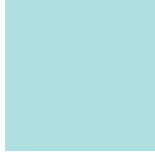
Original Color

209.3410, -79.4520, -24.8600



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.2890, -28.9750, -9.0310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.3410, -79.4520, -24.8600 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(118, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 247, 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(118, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 247, 255) }
```

Border

The CSS property to change the border of an element to YIQ 209.3410, -79.4520, -24.8600 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(118, 247, 255) }
```


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

```
.border{ border-color:rgb(118, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 247,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 209.3410, -79.4520, -24.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 247, 255) }
```

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

```
.background{ background-color: rgb(118,  
247, 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](#).

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