

Converting Colors

YIQ(209.2970, -85.3200,
-28.6480)

Have a look what the booklet for
YIQ(209.2970, -85.3200, -28.6480)
contains.

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Color

**YIQ(209.2970, -85.3200,
-28.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	6EFBFF
RGB	110, 251, 255
RGB Percent	43%, 98%, 100%
CMY	0.5689, 0.0154, 0.0003
CMYK	0.57, 0.02, 0.00, 0.00
HSL	182°, 100%, 72%
HSV	182°, 57%, 100%
XYZ	58.9715, 79.5553, 106.7818
YIQ	209.2970, -85.3200, -28.6480

Conversions

Conversions Part 2

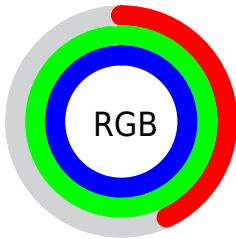
Format	Color
RYB	110, 181, 255
Decimal	7273471
CIELab	91.48, -36.84, -13.39
CIElCh	91, 39.201, 199.967
Yxy	79.5553, 0.2404, 0.3243
Android (android.graphics.Color)	4285463551 (0xFF6EFBFF)
YUV	209.2970, 22.5316, -87.0835
Hunter-Lab	89.1938, -38.0718, -8.5456

Details

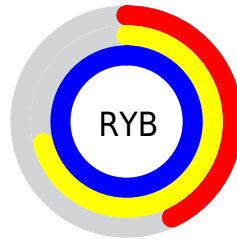
The YIQ color **209.2970, -85.3200, -28.6480** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **155.7030, 85.3200, 28.6480**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4820, -48.8720, -17.3840**, and **144.5230, -100.8160, -34.1600** is the 20% darker color. If you saturate the color by 10%, you get **200.9360, -100.5410, -33.6370**, and if you desaturate by 10%, it is **217.3590, -70.6950, -23.8710**.

Distribution



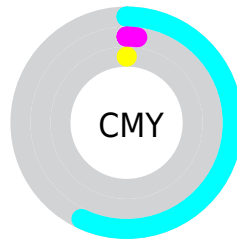
- Red (43%)
- Green (98%)
- Blue (100%)



- Red (43%)
- Yellow (71%)
- Blue (100%)



- Cyan (57%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.2970, -85.3200, -28.6480 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 209.2970, -85.3200, -28.6480 by changing the saturation by 10% instead.

209.2970,
-85.3200, -28.6480

209.2970,
-85.3200, -28.6480

255.0000, -0.0000,
-0.0000

178.5030,
-88.8960, -29.9200

230.4820,
-48.8720, -17.3840

144.2240,
-101.4120, -34.3720

239.7510,
-30.3960, -10.8120

116.9360,
-100.5410, -33.6370

249.0200,
-11.9200, -4.2400

98.5960, -84.7240,
-28.4360

80.4840, -69.5490,
-22.6130

62.3720, -54.3740,
-16.7900

45.6620, -40.3910,

-11.3910

■ 30.1260, -26.9580,
-7.0380

■ 10.2360, -12.2880,
2.4320

■ 209.2970,
-85.3200, -28.6480

■ 209.2970,
-85.3200, -28.6480

■ 200.9360,
-100.5410, -33.6370

■ 217.3590,
-70.6950, -23.8710

■ 193.4610,
-115.4410, -38.9370

■ 225.1330,
-55.1990, -18.3590

■ 185.1000,
-130.6620, -43.9260

■ 233.1950,
-40.5740, -13.5820

■ 177.0380,
-145.2870, -48.7030

■ 241.5560,
-25.3530, -8.5930

■ 174.6460,
-150.0550, -50.3990

■ 249.0310,
-10.4530, -3.2930

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.



214.4300, -52.2620, -33.0460



209.2970, -85.3200, -28.6480



208.4440, -81.2400, -25.4960

Triad

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



209.2970, -85.3200, -28.6480



229.7590, 11.8250, 22.4890



225.6310, 39.9830, -14.2650

Complementary

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



209.2970, -85.3200, -28.6480



155.7030, 85.3200, 28.6480

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.



219.9380, 38.1010, -2.1790



209.2970, -85.3200, -28.6480



223.9230, 17.2350, 23.5630

Square

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



209.2970, -85.3200, -28.6480



226.3270, -13.8020, 7.8460



219.0040, 29.7080, 12.2680



225.7270, 21.7370, -25.0070

Rectangle

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



209.2970, -85.3200, -28.6480



213.2940, -62.9020, -16.4220



219.0040, 29.7080, 12.2680



223.7390, 39.7990, -10.9290

Sweetspot

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



209.2970, -85.3200, -28.6480



241.5560, -25.3530, -8.5930



195.3430, -40.5170, -75.2130



119.6390, -15.2210, -4.9890



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.



209.2970, -85.3200, -28.6480



200.3380, -101.7330, -34.0610



167.6200, -65.7950, 8.4850



123.5260, -7.4730, -2.2330



130.9560, -112.4610, -37.8770



43.6900, -37.5940, -12.5220

Inverse Universe

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



169.4290, 41.1590, 74.5910



152.8790, 49.1800, 88.9240



197.3800, 65.7950, -8.4850



120.2550, 3.8960, 6.4880



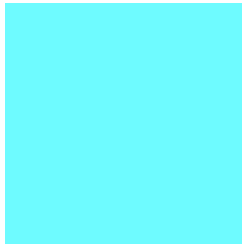
78.3130, 54.1300, 98.3380



26.2040, 18.2420, 32.8500

Previews

White Background



This preview shows how the YIQ color 209.2970, -85.3200, -28.6480 looks on a white background.

Color Contrast Check

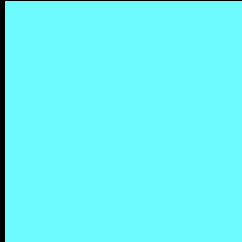
Large Text (above 18pt) WCAG AA × Fail

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 209.2970, -85.3200, -28.6480 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 209.2970, -85.3200, -28.6480 Background



This preview shows how black text looks on a background with the YIQ color 209.2970, -85.3200, -28.6480.



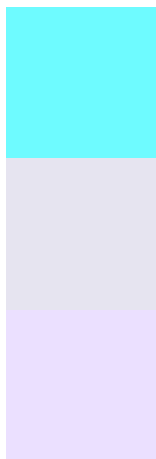
This preview shows how white text looks on a background with the YIQ color 209.2970, -85.3200, -28.6480.

-28.6480.

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

209.2970, -85.3200, -28.6480

Protanopia

229.9660, -2.6600, 4.1560

Deuteranopia

230.8230, -3.3950, 11.9730



Tritanopia

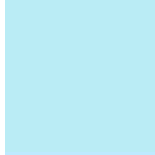
221.6550, -47.6810, -11.4330

Trichromacy



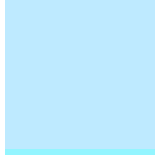
Original Color

209.2970, -85.3200, -28.6480



Protanomaly

222.0760, -32.6890, -7.8010



Deuteranomaly

223.2380, -32.9650, -2.7970



Tritanomaly

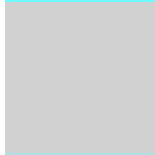
217.1370, -61.0220, -17.4540

Monochromacy



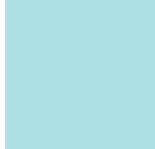
Original Color

209.2970, -85.3200, -28.6480



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

208.9790, -31.0380, -10.1900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.2970, -85.3200, -28.6480 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(110, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 251, 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(110, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 251, 255) }
```

Border

The CSS property to change the border of an element to YIQ 209.2970, -85.3200, -28.6480 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(110, 251, 255) }
```


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

```
.border{ border-color:rgb(110, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 251,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 209.2970, -85.3200, -28.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 251, 255) }
```

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

```
.background{ background-color: rgb(110,  
251, 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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