

Converting Colors

YIQ(208.7210, -83.5780,
-27.1780)

Have a look what the booklet for
YIQ(208.7210, -83.5780, -27.1780)
contains.

YIQ(208.7210, -83.5780, -27.1780)	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(208.7210, -83.5780,
-27.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	70F9FF
RGB	112, 249, 255
RGB Percent	44%, 98%, 100%
CMY	0.5611, 0.0233, 0.0003
CMYK	0.56, 0.02, 0.00, 0.00
HSL	182°, 100%, 72%
HSV	182°, 56%, 100%
XYZ	58.6013, 78.4408, 106.5873
YIQ	208.7210, -83.5780, -27.1780

Conversions

Conversions Part 2

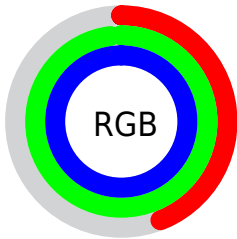
Format	Color
R_{YB}	112, 182, 255
Decimal	7404031
CIE Lab	90.98, -35.56, -14.13
CIE LCh	91, 38.271, 201.675
Yxy	78.4408, 0.2405, 0.3220
Android (android.graphics.Color)	4285594111 (0xFF70F9FF)
YUV	208.7210, 22.8155, -84.8243
Hunter-Lab	88.5668, -36.8852, -9.3568

Details

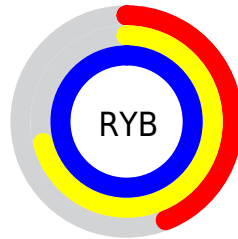
The YIQ color **208.7210, -83.5780, -27.1780** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **158.2790, 83.5780, 27.1780**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, -47.6800, -16.9600**, and **145.1430, -96.6900, -31.8420** is the 20% darker color. If you saturate the color by 10%, you get **200.3600, -98.7990, -32.1670**, and if you desaturate by 10%, it is **216.7830, -68.9530, -22.4010**.

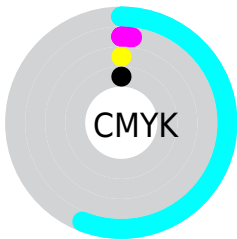
Distribution



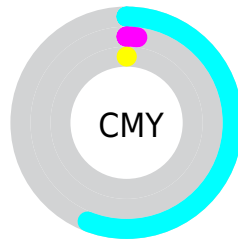
- Red (44%)
- Green (98%)
- Blue (100%)



- Red (44%)
- Yellow (71%)
- Blue (100%)



- Cyan (56%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.7210, -83.5780, -27.1780 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 208.7210, -83.5780, -27.1780 by changing the saturation by 10% instead.

208.7210,
-83.5780, -27.1780

208.7210,
-83.5780, -27.1780

255.0000, -0.0000,
-0.0000

178.2260,
-86.5580, -28.2380

231.0800,
-47.6800, -16.9600

145.1430,
-96.6900, -31.8420

240.3490,
-29.2040, -10.3880

116.3490,
-100.2660, -33.1140

249.3190,
-11.3240, -4.0280

97.4220, -84.1740,
-27.3900

79.3100, -68.9990,
-21.5670

61.7850, -54.0990,
-16.2670

45.0750, -40.1160,

-10.8680

■ 29.5390, -26.6830,
-6.5150

■ 7.8880, -11.1880,
4.5240

■ 208.7210,
-83.5780, -27.1780

■ 208.7210,
-83.5780, -27.1780

■ 200.3600,
-98.7990, -32.1670

■ 216.7830,
-68.9530, -22.4010

■ 192.2980,
-113.4240, -36.9440

■ 225.1440,
-53.7320, -17.4120

■ 183.9370,
-128.6450, -41.9330

■ 233.2060,
-39.1070, -12.6350

■ 175.8750,
-143.2700, -46.7100

■ 241.5670,
-23.8860, -7.6460

■ 172.2980,
-148.9550, -48.3070

■ 249.6290, -9.2610,
-2.8690

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.



213.6580, -52.9040, -32.4240



208.7210, -83.5780, -27.1780



208.7650, -77.7100, -23.3900

Triad

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



208.7210, -83.5780, -27.1780



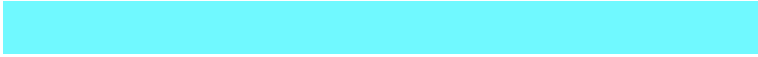
229.1720, 12.1000, 23.0120



225.0440, 40.2580, -13.7420

Complementary

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



208.7210, -83.5780, -27.1780



158.2790, 83.5780, 27.1780

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.



219.8240, 38.4220, -2.4900



208.7210, -83.5780, -27.1780



222.8800, 18.7940, 22.8420

Square

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



208.7210, -83.5780, -27.1780



225.7510, -12.0600, 9.3160



218.6620, 30.6710, 11.3350



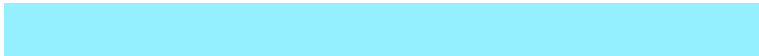
224.0580, 19.3070, -25.0210

Rectangle

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



208.7210, -83.5780, -27.1780



213.6150, -59.3720, -14.3160



218.6620, 30.6710, 11.3350



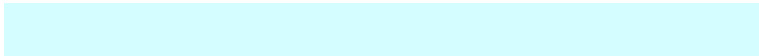
223.0380, 40.3950, -10.7170

Sweetspot

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



208.7210, -83.5780, -27.1780



240.9690, -25.0780, -8.0700



196.5110, -40.9300, -73.2340



119.0520, -14.9460, -4.4660



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.



208.7210, -83.5780, -27.1780



199.7620, -99.9910, -32.5910



167.6310, -64.3280, 9.4320



123.5260, -7.4730, -2.2330



129.1950, -111.6360, -36.3080



43.1030, -37.3190, -11.9990

Inverse Universe

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



170.3750, 41.2510, 72.9230



153.8250, 49.2720, 87.2560



199.3690, 64.3280, -9.4320



120.2550, 3.8960, 6.4880



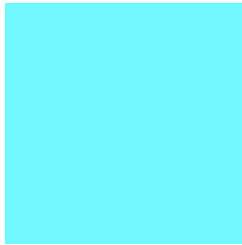
77.9710, 55.0930, 97.4050



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 208.7210, -83.5780, -27.1780 looks on a white background.

Color Contrast Check

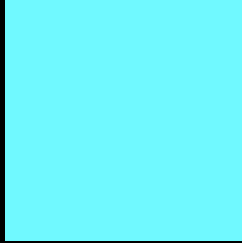
Large Text (above 18pt) WCAG AA × Fail

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 208.7210, -83.5780, -27.1780 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 208.7210, -83.5780, -27.1780 Background



This preview shows how black text looks on a background with the YIQ color 208.7210, -83.5780, -27.1780.



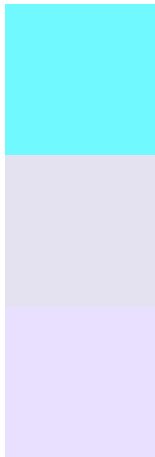
This preview shows how white text looks on a background with the YIQ color 208.7210, -83.5780, -27.1780.

-27.1780.

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

208.7210, -83.5780, -27.1780

Protanopia

228.3080, -3.6230, 5.0890

Deuteranopia

229.6380, -4.3120, 12.0720



Tritanopia

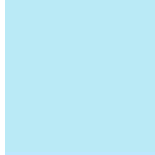
219.2740, -50.9820, -12.1820

Trichromacy



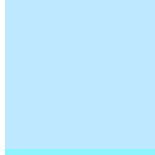
Original Color

208.7210, -83.5780, -27.1780



Protanomaly

221.0160, -32.4600, -6.4440



Deuteranomaly

221.7650, -33.0110, -1.9630



Tritanomaly

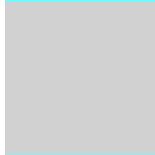
215.3540, -63.1310, -17.7790

Monochromacy



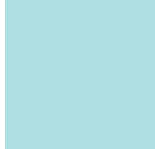
Original Color

208.7210, -83.5780, -27.1780



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.2780, -30.4420, -9.9780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.7210, -83.5780, -27.1780 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(112, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 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(112, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 249, 255) }
```

Border

The CSS property to change the border of an element to YIQ 208.7210, -83.5780, -27.1780 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(112, 249, 255) }
```


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

```
.border{ border-color:rgb(112, 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(112, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 249,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 208.7210, -83.5780, -27.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 249, 255) }
```

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

```
.background{ background-color: rgb(112,  
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