

Converting Colors

YIQ(217.6910, -65.6980,
-20.8180)

Have a look what the booklet for
YIQ(217.6910, -65.6980, -20.8180)
contains.

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Color

**YIQ(217.6910, -65.6980,
-20.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	8EF9FF
RGB	142, 249, 255
RGB Percent	56%, 98%, 100%
CMY	0.4434, 0.0233, 0.0003
CMYK	0.44, 0.02, 0.00, 0.00
HSL	183°, 100%, 78%
HSV	183°, 44%, 100%
XYZ	63.0731, 80.7400, 106.8107
YIQ	217.6910, -65.6980, -20.8180

Conversions

Conversions Part 2

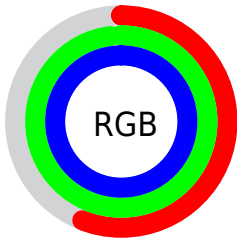
Format	Color
RYB	142, 197, 255
Decimal	9370111
CIELab	92.02, -29.47, -12.49
CIELCh	92, 32.004, 202.969
Yxy	80.7400, 0.2517, 0.3222
Android (android.graphics.Color)	4287560191 (0xFF8EF9FF)
YUV	217.6910, 18.3933, -66.3810
Hunter-Lab	89.8554, -31.9508, -7.5790

Details

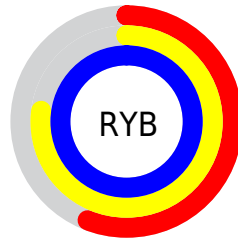
The YIQ color **217.6910, -65.6980, -20.8180** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **179.3090, 65.6980, 20.8180**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8540, -32.1840, -11.4480**, and **159.7940, -67.4860, -21.4540** is the 20% darker color. If you saturate the color by 10%, you get **209.3300, -80.9190, -25.8070**, and if you desaturate by 10%, it is **225.7530, -51.0730, -16.0410**.

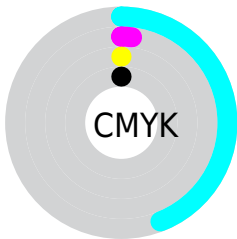
Distribution



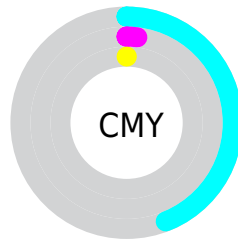
- Red (56%)
- Green (98%)
- Blue (100%)



- Red (56%)
- Yellow (77%)
- Blue (100%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.6910, -65.6980, -20.8180 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 217.6910, -65.6980, -20.8180 by changing the saturation by 10% instead.

217.6910,
-65.6980, -20.8180

217.6910,
-65.6980, -20.8180

255.0000, -0.0000,
-0.0000

188.3920,
-66.2940, -21.0300

238.8540,
-32.1840, -11.4480

159.7940,
-67.4860, -21.4540

247.8240,
-14.3040, -5.0880

130.4020,
-72.2540, -23.1500

97.4220, -84.1740,
-27.3900

79.8970, -69.2740,
-22.0900

62.3720, -54.3740,
-16.7900

45.6620, -40.3910,

-11.3910

■ 29.5390, -26.6830,
-6.5150

■ 11.9970, -13.1130,
0.8630

■ 217.6910,
-65.6980, -20.8180

■ 217.6910,
-65.6980, -20.8180

■ 209.3300,
-80.9190, -25.8070

■ 225.7530,
-51.0730, -16.0410

■ 200.6810,
-95.2690, -30.0610

■ 234.7010,
-36.1270, -11.5750

■ 192.3200,
-110.4900, -35.0500

■ 242.7630,
-21.5020, -6.7980

■ 184.2580,
-125.1150, -39.8270

■ 251.1240, -6.2810,
-1.8090

■ 175.3100,
-140.0610, -44.2930

255.0000, -0.0000,
-0.0000

■ 171.1240,
-148.4050, -47.2610

Harmonies

Analogous

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



220.1370, -43.8270, -26.2190



217.6910, -65.6980, -20.8180



217.7350, -59.8300, -17.0300

Triad

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



217.6910, -65.6980, -20.8180



232.6940, 10.4500, 19.8740



229.5750, 34.3890, -12.0030

Complementary

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



217.6910, -65.6980, -20.8180



179.3090, 65.6980, 20.8180

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.



225.1870, 32.9660, -2.7300



217.6910, -65.6980, -20.8180



226.9890, 16.8690, 19.1810

Square

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



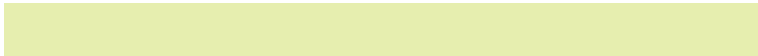
217.6910, -65.6980, -20.8180



230.1920, -8.9880, 8.7080



224.0420, 26.5450, 9.0170



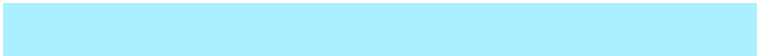
228.4260, 15.4550, -21.2890

Rectangle

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



217.6910, -65.6980, -20.8180



221.0790, -45.9390, -9.9630



224.0420, 26.5450, 9.0170



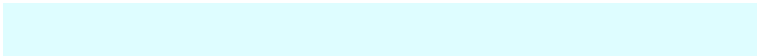
227.5690, 34.5260, -8.9780

Sweetspot

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



217.6910, -65.6980, -20.8180



243.9590, -19.1180, -5.9500



209.0150, -33.0010, -57.2330



120.5470, -11.9660, -3.4060



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.



217.6910, -65.6980, -20.8180



210.5260, -78.5350, -24.9590



184.8190, -50.2980, 8.4700



123.5260, -7.4730, -2.2330



128.0210, -111.0860, -35.2620



42.5160, -37.0440, -11.4760

Inverse Universe

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



187.9850, 33.0010, 57.2330



174.9570, 39.3720, 68.4280



212.1810, 50.2980, -8.4700



120.2550, 3.8960, 6.4880



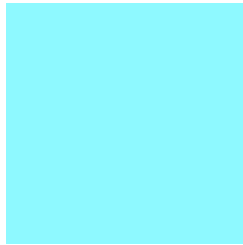
77.7430, 55.7350, 96.7830



25.9760, 18.8840, 32.2280

Previews

White Background



This preview shows how the YIQ color 217.6910, -65.6980, -20.8180 looks on a white background.

Color Contrast Check

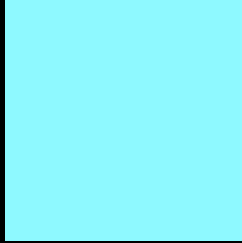
Large Text (above 18pt) WCAG AA × Fail

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 217.6910, -65.6980, -20.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

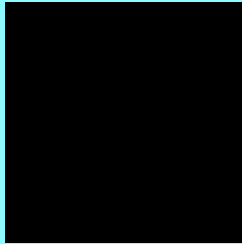
Any Text WCAG AA ✓ Pass

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 217.6910, -65.6980, -20.8180 Background



This preview shows how black text looks on a background with the YIQ color 217.6910, -65.6980, -20.8180.



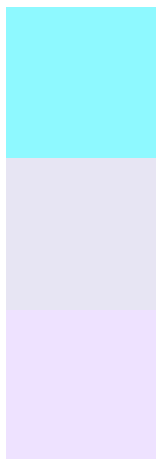
This preview shows how white text looks on a background with the YIQ color 217.6910, -65.6980, -20.8180.

-20.8180.

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

217.6910, -65.6980, -20.8180

Protanopia

231.1940, -3.3020, 4.7780

Deuteranopia

232.8940, -2.1570, 11.5630



Tritanopia

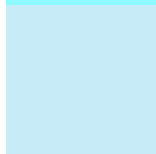
225.2430, -40.5290, -8.8890

Trichromacy



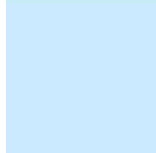
Original Color

217.6910, -65.6980, -20.8180



Protanomaly

226.1910, -25.5830, -4.4230



Deuteranomaly

227.1250, -25.2170, -0.0410



Tritanomaly

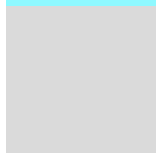
222.8180, -49.6980, -13.4260

Monochromacy



Original Color

217.6910, -65.6980, -20.8180



Achromatopsia

218.0000, -0.0000, 0.0000



Achromatomaly

217.5670, -23.8860, -7.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.6910, -65.6980, -20.8180 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(142, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 249, 255) }
```

Border

The CSS property to change the border of an element to YIQ 217.6910, -65.6980, -20.8180 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(142, 249, 255) }
```


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

```
.border{ border-color:rgb(142, 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(142, 249, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 249,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 217.6910, -65.6980, -20.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 249, 255) }
```

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

```
.background{ background-color: rgb(142,  
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](#).

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