

Converting Colors

YIQ(182.7800, -72.8980,
-11.4740)

Have a look what the booklet for
YIQ(182.7800, -72.8980, -11.4740)
contains.

YIQ(182.7800, -72.8980, -11.4740)	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(182.7800, -72.8980,
-11.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD2F4
RGB	106, 210, 244
RGB Percent	42%, 82%, 96%
CMY	0.5845, 0.1763, 0.0434
CMYK	0.57, 0.14, 0.00, 0.04
HSL	195°, 86%, 69%
HSV	195°, 57%, 96%
XYZ	45.3113, 55.7022, 93.8873
YIQ	182.7800, -72.8980, -11.4740

Conversions

Conversions Part 2

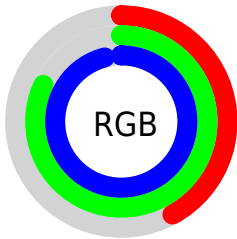
Format	Color
R _Y B	106, 165, 244
Decimal	7000820
CIE Lab	79.44, -20.80, -25.80
CIE LCh	79, 33.144, 231.124
Yxy	55.7022, 0.2325, 0.2858
Android (android.graphics.Color)	4285190900 (0xFF6AD2F4)
YUV	182.7800, 30.1815, -67.3361
Hunter-Lab	74.6339, -22.2395, -22.3414

Details

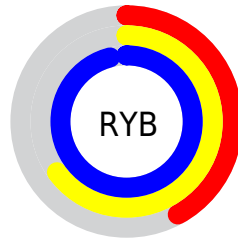
The YIQ color **182.7800, -72.8980, -11.4740** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **167.2200, 72.8980, 11.4740**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.6880, -52.4480, -18.6560**, and **122.2840, -83.3050, -15.6010** is the 20% darker color. If you saturate the color by 10%, you get **172.0820, -85.5520, -13.4240**, and if you desaturate by 10%, it is **193.4780, -60.2440, -9.5240**.

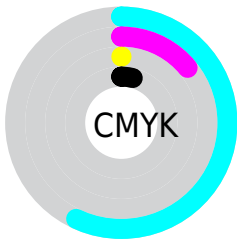
Distribution



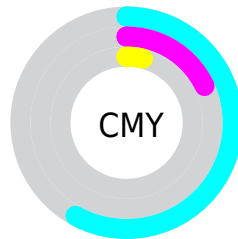
- Red (42%)
- Green (82%)
- Blue (96%)



- Red (42%)
- Yellow (65%)
- Blue (96%)



- Cyan (57%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (58%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.7800, -72.8980, -11.4740 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 182.7800, -72.8980, -11.4740 by changing the saturation by 10% instead.

■ 182.7800,
-72.8980, -11.4740

■ 182.7800,
-72.8980, -11.4740

■ 255.0000, -0.0000,
-0.0000

■ 153.1710,
-75.5570, -12.8450

■ 228.6880,
-52.4480, -18.6560

■ 122.2840,
-83.3050, -15.6010

■ 237.6580,
-34.5680, -12.2960

■ 94.0770, -87.1560,
-17.3960

■ 246.6280,
-16.6880, -5.9360

■ 76.3240, -71.6140,
-12.7180

■ 59.3860, -56.9890,
-7.9410

■ 43.0350, -42.6390,
-3.6870

■ 27.4990, -29.2060,

0.6660

■ 6.2070, -13.3440,
10.5600

■ 2.5250, -5.7320,
4.7640

■ 182.7800,
-72.8980, -11.4740

■ 182.7800,
-72.8980, -11.4740

■ 172.0820,
-85.5520, -13.4240

■ 193.4780,
-60.2440, -9.5240

■ 161.0850,
-98.8020, -15.5860

■ 204.4750,
-46.9940, -7.3620

■ 150.3870,
-111.4560, -17.5360

■ 215.1730,
-34.3400, -5.4120

■ 139.3900,
-124.7060, -19.6980

■ 226.1700,
-21.0900, -3.2500

■ 135.8240,
-128.9240, -20.3480

■ 236.8680, -8.4360,
-1.3000

■ 247.5660, 4.2180,
0.6500

■ 251.9850, 4.3560,
-1.8520

■ 253.7460, 3.5310,
-3.4210

Harmonies

Analogous

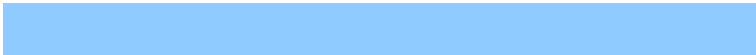
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180.3700, -69.2280, -22.9240



182.7800, -72.8980, -11.4740



190.9880, -52.4520, 3.4520

Triad

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



182.7800, -72.8980, -11.4740



201.6710, 35.6200, 26.2760



193.0240, 16.6470, -20.8650

Complementary

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



182.7800, -72.8980, -11.4740



167.2200, 72.8980, 11.4740

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.



196.0810, 38.8360, -9.9960



182.7800, -72.8980, -11.4740



199.0340, 47.3590, 17.2710

Square

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



182.7800, -72.8980, -11.4740



201.6110, 9.4860, 26.3340



198.6840, 50.8000, 4.4640



188.7200, -11.9160, -26.3480

Rectangle

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



182.7800, -72.8980, -11.4740



196.1480, -32.0510, 13.6850



198.6840, 50.8000, 4.4640



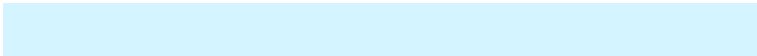
194.2100, 24.9910, -17.8970

Sweetspot

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



182.7800, -72.8980, -11.4740



235.6860, -22.6030, -3.3630



190.6540, -48.2220, -62.2220



116.1170, -13.5710, -1.8510



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.



182.7800, -72.8980, -11.4740



178.0320, -91.2830, -14.1870



143.4510, -54.4730, 23.5670



116.6510, -6.3270, -0.9750



103.3840, -98.2060, -15.3740



32.5540, -31.0390, -4.6630

Inverse Universe

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



159.1180, 48.8640, 61.6000



148.5470, 61.3780, 77.1060



206.5490, 54.4730, -23.5670



114.6140, 4.2630, 5.3430



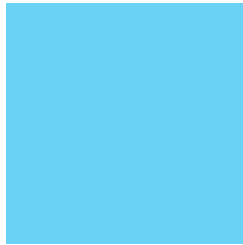
71.5740, 65.9160, 82.9720



22.6570, 21.0400, 26.1920

Previews

White Background



This preview shows how the YIQ color 182.7800, -72.8980, -11.4740 looks on a white background.

Color Contrast Check

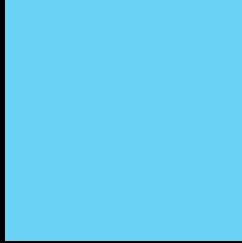
Large Text (above 18pt) WCAG AA × Fail

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 182.7800, -72.8980, -11.4740 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 182.7800, -72.8980, -11.4740 Background



This preview shows how black text looks on a background with the YIQ color 182.7800, -72.8980, -11.4740.



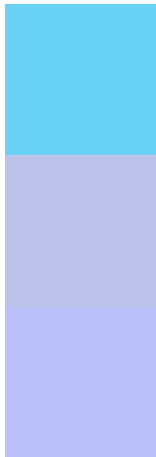
This preview shows how white text looks on a background with the YIQ color 182.7800, -72.8980, -11.4740.

-11.4740.

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

182.7800, -72.8980, -11.4740

Protanopia

196.6520, -16.0950, 10.8570

Deuteranopia

196.8890, -20.9560, 16.3560



Tritanopia

180.5640, -72.5300, -18.1460

Trichromacy



Original Color

182.7800, -72.8980, -11.4740

Protanomaly

191.6600, -36.9090, 2.6030

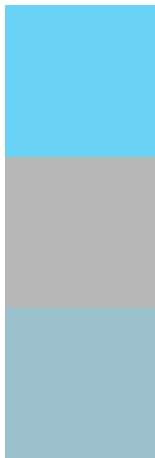
Deuteranomaly

192.2130, -39.8440, 6.2360

Tritanomaly

181.1450, -72.6680, -15.6440

Monochromacy



Original Color

182.7800, -72.8980, -11.4740

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.0060, -26.5000, -4.3240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.7800, -72.8980, -11.4740 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(106, 210, 244)` looks like.

```
.text, #text, p{  
    color:rgb(106, 210, 244)  
}
```

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(106, 210, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 210, 244) }
```

Border

The CSS property to change the border of an element to YIQ 182.7800, -72.8980, -11.4740 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(106, 210, 244) }
```


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

```
.border{ border-color:rgb(106, 210, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 210, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 210, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 210, 244);  
box-shadow:4px 4px 4px 4px rgb(106, 210,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 182.7800, -72.8980, -11.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 210, 244) }
```

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

```
.background{ background-color: rgb(106,  
210, 244) }
```

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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