

Converting Colors

YIQ(181.9900, -91.4650,
-21.9050)

Have a look what the booklet for
YIQ(181.9900, -91.4650, -21.9050)
contains.

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Color

**YIQ(181.9900, -91.4650,
-21.9050)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 51DDF6 |
| RGB | 81, 221, 246 |
| RGB Percent | 32%, 87%, 96% |
| CMY | 0.6826, 0.1331, 0.0357 |
| CMYK | 0.67, 0.10, 0.00, 0.04 |
| HSL | 189°, 90%, 64% |
| HSV | 189°, 67%, 96% |
| XYZ | 45.8780, 60.1376, 96.3000 |
| YIQ | 181.9900, -91.4650, -21.9050 |

Conversions

Conversions Part 2

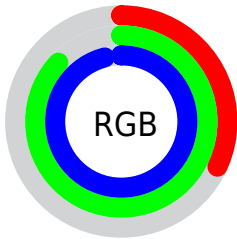
| Format | Color |
|-------------------------------------|---|
| RYB | 81, 157, 246 |
| Decimal | 5365238 |
| CIELab | 81.91, -29.82, -23.16 |
| CIELCh | 82, 37.761, 217.836 |
| Yxy | 60.1376, 0.2268, 0.2972 |
| Android (android.graphics.Color) | 4283555318 (0xFF51DDF6) |
| YUV | 181.9900, 31.5569, -88.5682 |
| Hunter-Lab | 77.5484, -30.1084, -19.3427 |

Details

The YIQ color **181.9900, -91.4650, -21.9050** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **145.0100, 91.4650, 21.9050**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.0070, -63.7720, -22.6840**, and **119.1020, -106.6400, -27.7280** is the 20% darker color. If you saturate the color by 10%, you get **172.1670, -105.2650, -25.1130**, and if you desaturate by 10%, it is **191.8130, -77.6650, -18.6970**.

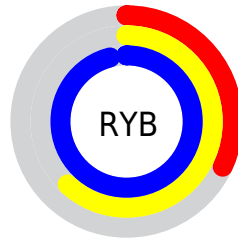
Distribution



Red (32%)

Green (87%)

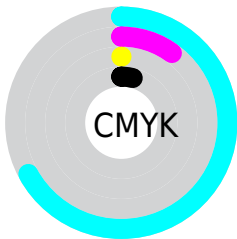
Blue (96%)



Red (32%)

Yellow (62%)

Blue (96%)

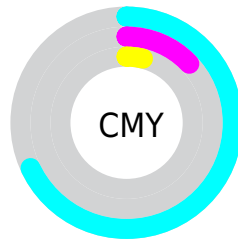


Cyan (67%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (68%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.9900, -91.4650, -21.9050 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 181.9900, -91.4650, -21.9050 by changing the saturation by 10% instead.

181.9900,
-91.4650, -21.9050

181.9900,
-91.4650, -21.9050

255.0000, -0.0000,
-0.0000

148.7930,
-101.2760, -25.8200

223.0070,
-63.7720, -22.6840

119.1020,
-106.6400, -27.7280

232.2760,
-45.2960, -16.1120

100.0610,
-90.2270, -22.3150

241.5450,
-26.8200, -9.5400

81.8350, -74.7310,
-16.8030

250.8140, -8.3440,
-2.9680

64.3100, -59.8310,
-11.5030

47.3720, -45.2060,
-6.7260

31.8360, -31.7730,

-2.3730

■ 13.4790, -17.2860,
4.9060

■ 2.8670, -6.6950,
5.6970

■ 181.9900,
-91.4650, -21.9050

■ 181.9900,
-91.4650, -21.9050

■ 172.1670,
-105.2650, -25.1130

■ 191.8130,
-77.6650, -18.6970

■ 163.2300,
-118.7440, -28.6320

■ 200.7500,
-64.1860, -15.1780

■ 153.4070,
-132.5440, -31.8400

■ 210.5730,
-50.3860, -11.9700

■ 150.7270,
-136.4410, -32.8010

■ 220.0970,
-37.1820, -8.9740

229.9200,
-23.3820, -5.7660

238.8570, -9.9030,
-2.2470

248.6800, 3.8970,
0.9610

251.6260, 3.9890,
-0.7070

253.3870, 3.1640,
-2.2760

Harmonies

Analogous

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



184.0720, -71.5650, -30.1330



181.9900, -91.4650, -21.9050



189.6600, -72.4400, -8.7600

Triad

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



181.9900, -91.4650, -21.9050



208.8260, 28.0540, 31.2380



200.3910, 31.7310, -18.9010

Complementary

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



181.9900, -91.4650, -21.9050



145.0100, 91.4650, 21.9050

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.



203.3000, 51.5810, -4.1870



181.9900, -91.4650, -21.9050



202.4880, 40.3890, 22.4450

Square

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



181.9900, -91.4650, -21.9050



206.9670, -3.2600, 26.0520



201.5470, 49.9280, 9.2560



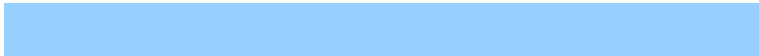
196.1960, 1.2430, -28.0450

Rectangle

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



181.9900, -91.4650, -21.9050



196.3150, -49.0590, 2.5330



201.5470, 49.9280, 9.2560



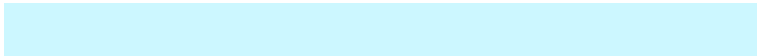
201.9190, 39.1120, -15.0000

Sweetspot

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



181.9900, -91.4650, -21.9050



235.0550, -28.1960, -6.6280



180.7050, -53.4000, -78.5200



115.7960, -17.1010, -3.9570



0.0000, 0.0000, 0.0000



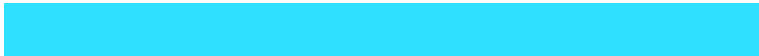
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



181.9900, -91.4650, -21.9050



174.9100, -114.8470, -27.6710



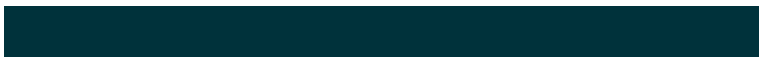
133.8560, -68.9150, 20.9810



117.8250, -6.8770, -2.0210



113.9500, -103.1560, -24.7880



36.0760, -32.6890, -7.8010

Inverse Universe

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



146.2950, 53.4000, 78.5200



129.9570, 66.8760, 98.6200



193.1440, 68.9150, -20.9810



114.8420, 3.6210, 5.9650



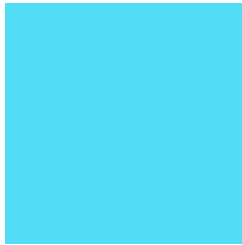
73.6260, 60.1380, 88.5700



23.3410, 19.1140, 28.0580

Previews

White Background



This preview shows how the YIQ color 181.9900, -91.4650, -21.9050 looks on a white background.

Color Contrast Check

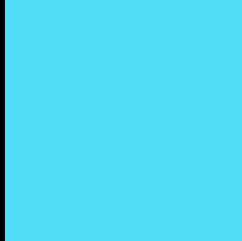
Large Text (above 18pt) WCAG AA × Fail

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 181.9900, -91.4650, -21.9050 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 181.9900, -91.4650, -21.9050 Background



This preview shows how black text looks on a background with the YIQ color 181.9900, -91.4650, -21.9050.



This preview shows how white text looks on a background with the YIQ color 181.9900, -91.4650, -21.9050.

-21.9050.

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

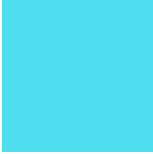
181.9900, -91.4650, -21.9050

Protanopia

203.3380, -12.3350, 8.7930

Deuteranopia

203.7430, -17.6090, 16.2710



Tritanopia

180.9960, -91.6020, -24.9300

Trichromacy



Original Color

181.9900, -91.4650, -21.9050



Protanomaly

195.4590, -40.8970, -2.2170



Deuteranomaly

195.6530, -44.1990, 2.5610



Tritanomaly

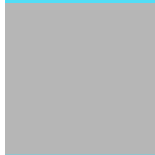
181.5230, -91.6480, -24.0960

Monochromacy



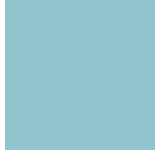
Original Color

181.9900, -91.4650, -21.9050



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

181.7770, -33.2850, -8.0130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.9900, -91.4650, -21.9050 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(81, 221, 246)` looks like.

```
.text, #text, p{  
    color:rgb(81, 221, 246)  
}
```

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(81, 221, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 221, 246) }
```

Border

The CSS property to change the border of an element to YIQ 181.9900, -91.4650, -21.9050 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

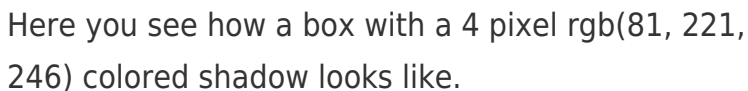
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 221, 246) }
```


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

```
.border{ border-color:rgb(81, 221, 246) }
```

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



Here you see how a box with a 4 pixel rgb(81, 221, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 221, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 221, 246);  
box-shadow:4px 4px 4px 4px rgb(81, 221,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 181.9900, -91.4650, -21.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 221, 246) }
```

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

```
.background{ background-color: rgb(81, 221,  
246) }
```

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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