

Converting Colors

YIQ(183.9920, -41.0800,
-4.4080)

Have a look what the booklet for
YIQ(183.9920, -41.0800, -4.4080)
contains.

YIQ(183.9920, -41.0800, -4.4080)	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(183.9920, -41.0800,
-4.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	8EC6DE
RGB	142, 198, 222
RGB Percent	56%, 78%, 87%
CMY	0.4432, 0.2234, 0.1296
CMYK	0.36, 0.11, 0.00, 0.13
HSL	198°, 55%, 71%
HSV	198°, 36%, 87%
XYZ	44.5282, 51.4185, 76.6526
YIQ	183.9920, -41.0800, -4.4080

Conversions

Conversions Part 2

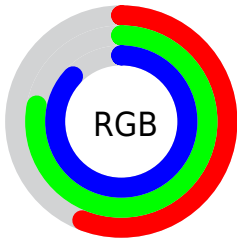
Format	Color
RYB	142, 175, 222
Decimal	9357022
CIELab	76.93, -12.24, -17.69
CIElCh	77, 21.510, 235.327
Yxy	51.4185, 0.2580, 0.2979
Android (android.graphics.Color)	4287547102 (0xFF8EC6DE)
YUV	183.9920, 18.7379, -36.8270
Hunter-Lab	71.7067, -14.6423, -13.1848

Details

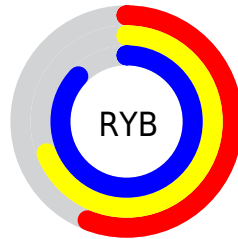
The YIQ color $183.9920, -41.0800, -4.4080$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $180.0080, 41.0800, 4.4080$, and the grayscale version is $184.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $237.9570, -33.9720, -12.0840$, and $129.8780, -40.7590, -4.7190$ is the 20% darker color. If you saturate the color by 10%, you get $173.3050, -52.2670, -5.4110$, and if you desaturate by 10%, it is $194.6790, -29.8930, -3.4050$.

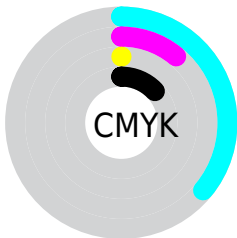
Distribution



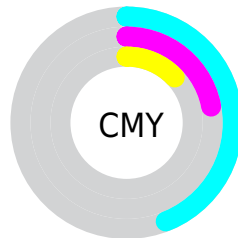
- Red (56%)
- Green (78%)
- Blue (87%)



- Red (56%)
- Yellow (69%)
- Blue (87%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (44%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.9920, -41.0800, -4.4080 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 183.9920, -41.0800, -4.4080 by changing the saturation by 10% instead.

■ 183.9920,
-41.0800, -4.4080

■ 183.9920,
-41.0800, -4.4080

■ 255.0000, -0.0000,
-0.0000

■ 156.8780,
-40.7590, -4.7190

■ 237.9570,
-33.9720, -12.0840

■ 129.8780,
-40.7590, -4.7190

■ 246.6280,
-16.6880, -5.9360

■ 104.0520,
-41.3090, -5.7650

■ 77.8560, -43.6930,
-6.6130

■ 51.3500, -48.1400,
-8.6200

■ 35.8140, -34.7070,
-4.2670

■ 20.8650, -21.5490,

-0.4370

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 183.9920,
-41.0800, -4.4080

■ 183.9920,
-41.0800, -4.4080

■ 173.3050,
-52.2670, -5.4110

■ 194.6790,
-29.8930, -3.4050

■ 163.2050,
-63.7290, -6.9370

■ 204.7790,
-18.4310, -1.8790

■ 152.2190,
-75.5120, -8.1520

■ 215.7650, -6.6480,
-0.6640

■ 141.5320,
-86.6990, -9.1550

■ 226.4520, 4.5390,
0.3390

■ 131.4320,
-98.1610, -10.6810

■ 236.5520, 16.0010,
1.8650

■ 120.7450,
-109.3480, -11.6840

■ 241.2590, 15.2680,
-1.3720

■ 116.8800,
-114.1620, -12.5460

■ 245.3680, 13.3430,
-5.0330

■ 248.8900, 11.6930,
-8.1710

■ 251.2380, 10.5930,
-10.2630

Harmonies

Analogous

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



181.8360, -40.9410, -12.4370



183.9920, -41.0800, -4.4080



188.1340, -29.4360, 4.8360

Triad

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



183.9920, -41.0800, -4.4080



193.6000, 25.2140, 16.6220



187.3470, 8.6680, -13.9240

Complementary

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



183.9920, -41.0800, -4.4080



180.0080, 41.0800, 4.4080

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.



189.1750, 24.0720, -6.7440



183.9920, -41.0800, -4.4080



192.8040, 33.1470, 10.5150

Square

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



183.9920, -41.0800, -4.4080



193.6290, 9.0750, 17.2590



191.2350, 33.0110, 1.9630



184.8870, -10.5880, -17.3720

Rectangle

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



183.9920, -41.0800, -4.4080



190.4670, -17.0120, 10.9560



191.2350, 33.0110, 1.9630



188.2230, 14.9490, -12.1150

Sweetspot

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



183.9920, -41.0800, -4.4080



241.9320, -14.4880, -1.7520



191.5820, -29.3830, -34.6870



119.9820, -8.7570, -0.9890



0.0000, 0.0000, 0.0000



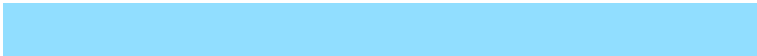
128.0000, -0.0000, -0.0000

Same Dimension

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



183.9920, -41.0800, -4.4080



202.7390, -56.4850, -6.0610



161.0990, -30.3550, 15.9890



106.9500, -5.7310, -0.7630



92.2650, -90.3210, -9.5930



25.4300, -24.7580, -2.8540

Inverse Universe

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



172.3040, 29.7040, 34.3760



186.6680, 40.8430, 47.2670



202.9010, 30.3550, -15.9890



105.2010, 3.9880, 4.8200



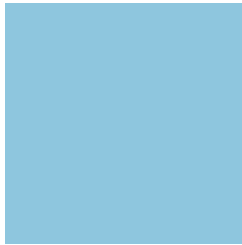
66.6460, 65.4130, 75.5650



18.2280, 17.6940, 20.7500

Previews

White Background



This preview shows how the YIQ color 183.9920, -41.0800, -4.4080 looks on a white background.

Color Contrast Check

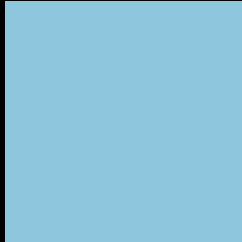
Large Text (above 18pt) WCAG AA × Fail

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 183.9920, -41.0800, -4.4080 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 183.9920, -41.0800, -4.4080

Background



This preview shows how black text looks on a background with the YIQ color 183.9920, -41.0800, -4.4080.



This preview shows how white text looks on a background with the YIQ color 183.9920, -41.0800, -4.4080.

-4.4080.

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

183.9920, -41.0800, -4.4080

Protanopia

190.1810, -10.4550, 7.7610

Deuteranopia

191.0550, -9.8600, 13.5000



Tritanopia

183.1830, -40.3000, -7.5320

Trichromacy



Original Color

183.9920, -41.0800, -4.4080

Protanomaly

188.0870, -22.0540, 3.2100

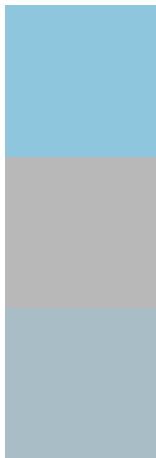
Deuteranomaly

188.7930, -21.0460, 6.9700

Tritanomaly

183.8240, -40.6670, -6.3870

Monochromacy



Original Color

183.9920, -41.0800, -4.4080

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.0460, -14.8090, -1.4410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.9920, -41.0800, -4.4080 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, 198, 222)` looks like.

```
.text, #text, p{  
    color:rgb(142, 198, 222)  
}
```

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, 198, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 198, 222) }
```

Border

The CSS property to change the border of an element to YIQ 183.9920, -41.0800, -4.4080 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, 198, 222) }
```


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

```
.border{ border-color:rgb(142, 198, 222) }
```

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

Here you see how a box with a 4 pixel rgb(142, 198, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 198, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 198, 222);  
box-shadow:4px 4px 4px 4px rgb(142, 198,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 183.9920, -41.0800, -4.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 198, 222) }
```

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

```
.background{ background-color: rgb(142,  
198, 222) }
```

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