

Converting Colors

YIQ(183.0220, -49.7920,
-0.7040)

Have a look what the booklet for
YIQ(183.0220, -49.7920, -0.7040)
contains.

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Color

**YIQ(183.0220, -49.7920,
-0.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	87C5ED
RGB	135, 197, 237
RGB Percent	53%, 77%, 93%
CMY	0.4707, 0.2273, 0.0708
CMYK	0.43, 0.17, 0.00, 0.07
HSL	203°, 74%, 73%
HSV	203°, 43%, 93%
XYZ	45.2364, 51.2037, 87.5752
YIQ	183.0220, -49.7920, -0.7040

Conversions

Conversions Part 2

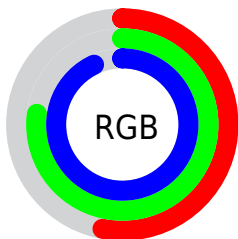
Format	Color
RYB	135, 174, 237
Decimal	8898029
CIELab	76.80, -9.63, -25.99
CIElCh	77, 27.719, 249.669
Yxy	51.2037, 0.2458, 0.2783
Android (android.graphics.Color)	4287088109 (0xFF87C5ED)
YUV	183.0220, 26.6112, -42.1153
Hunter-Lab	71.5568, -12.3812, -22.4727

Details

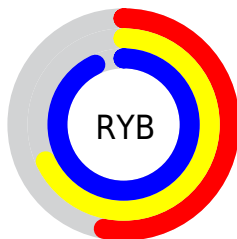
The YIQ color **183.0220, -49.7920, -0.7040** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **188.9780, 49.7920, 0.7040**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.5760, -37.2730, -12.8330**, and **128.1960, -50.3420, -1.7500** is the 20% darker color. If you saturate the color by 10%, you get **170.5630, -61.6210, -1.0850**, and if you desaturate by 10%, it is **195.4810, -37.9630, -0.3230**.

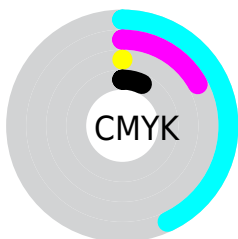
Distribution



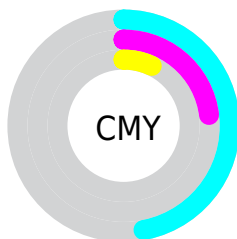
- Red (53%)
- Green (77%)
- Blue (93%)



- Red (53%)
- Yellow (68%)
- Blue (93%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.0220, -49.7920, -0.7040 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 183.0220, -49.7920, -0.7040 by changing the saturation by 10% instead.

■ 183.0220,
-49.7920, -0.7040

■ 183.0220,
-49.7920, -0.7040

■ 255.0000, -0.0000,
-0.0000

■ 155.6090,
-50.0670, -1.2270

■ 235.5760,
-37.2730, -12.8330

■ 128.1960,
-50.3420, -1.7500

■ 244.8340,
-20.2640, -7.2080

■ 101.4730,
-52.6800, -3.4320

■ 253.8040, -2.3840,
-0.8480

■ 70.6780, -63.6830,
-7.7710

■ 52.8320, -52.3130,
-4.5770

■ 36.5950, -38.2840,
-0.0120

■ 22.1190, -25.0800,

2.9840

■ 5.0500, -11.4640,
9.5280

■ 0.9120, -2.5680,
2.4880

■ 183.0220,
-49.7920, -0.7040

■ 183.0220,
-49.7920, -0.7040

■ 170.5630,
-61.6210, -1.0850

■ 195.4810,
-37.9630, -0.3230

■ 157.8160,
-72.5790, -0.7310

■ 208.2280,
-27.0050, -0.6770

■ 145.3570,
-84.4080, -1.1120

■ 220.6870,
-15.1760, -0.2960

■ 132.8980,
-96.2370, -1.4930

■ 233.1460, -3.3470,
0.0850

■ 120.7380,
-107.4700, -1.6620

■ 245.3060, 7.8860,
0.2540

■ 111.5460,
-115.6770, -1.6050

■ 251.7740, 6.3280,
-4.5520

■ 252.9480, 5.7780,
-5.5980

Harmonies

Analogous

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



178.1530, -57.9510, -12.5350



183.0220, -49.7920, -0.7040



189.1330, -27.6950, 11.8330

Triad

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



183.0220, -49.7920, -0.7040



193.1840, 38.1890, 18.2610



184.4550, -0.6840, -20.6520

Complementary

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



183.0220, -49.7920, -0.7040



188.9780, 49.7920, 0.7040

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.



187.7630, 22.0560, -14.2640



183.0220, -49.7920, -0.7040



191.6110, 43.8760, 8.8040

Square

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



183.0220, -49.7920, -0.7040



193.7340, 22.1410, 22.7570



189.9980, 37.8720, -3.5360



181.1130, -26.0840, -22.8840

Rectangle

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



183.0220, -49.7920, -0.7040



191.8040, -10.4110, 17.9810



189.9980, 37.8720, -3.5360



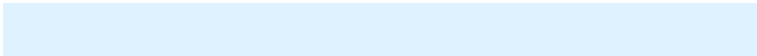
185.7010, 7.4310, -19.0410

Sweetspot

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



183.0220, -49.7920, -0.7040



237.5020, -16.0930, -0.1970



199.3200, -40.5690, -41.2170



117.0250, -10.3160, -0.2680



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.



183.0220, -49.7920, -0.7040



184.7090, -64.9680, -1.0000



153.6720, -36.0420, 25.4460



111.3630, -5.4560, -0.2400



85.2040, -88.3510, -1.2390



25.5270, -26.4090, -0.4650

Inverse Universe

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



172.5660, 40.8900, 40.9060



171.0010, 53.2670, 53.3870



218.3280, 36.0420, -25.4460



110.0870, 4.3090, 4.5090



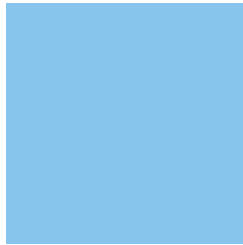
66.6590, 72.5660, 72.5820



19.9080, 21.5910, 21.7110

Previews

White Background



This preview shows how the YIQ color 183.0220, -49.7920, -0.7040 looks on a white background.

Color Contrast Check

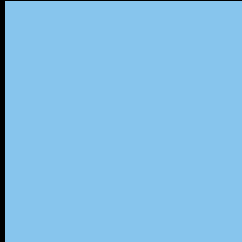
Large Text (above 18pt) WCAG AA × Fail

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 183.0220, -49.7920, -0.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

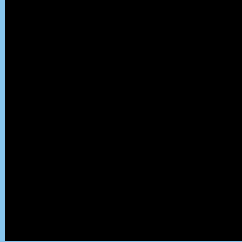
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 183.0220, -49.7920, -0.7040

Background



This preview shows how black text looks on a background with the YIQ color 183.0220, -49.7920, -0.7040.



This preview shows how white text looks on a background with the YIQ color 183.0220, -49.7920, -0.7040.

-0.7040.

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

183.0220, -49.7920, -0.7040

Protanopia

189.5100, -18.5710, 11.6770

Deuteranopia

189.9600, -19.7180, 15.9460



Tritanopia

181.2960, -48.0480, -10.2880

Trichromacy



Original Color

183.0220, -49.7920, -0.7040

Protanomaly

187.4160, -30.1700, 7.1260

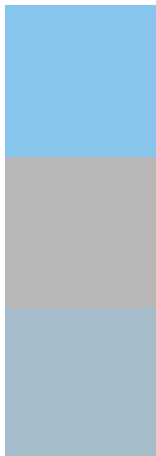
Deuteranomaly

187.1110, -30.6290, 9.9390

Tritanomaly

182.1050, -48.8280, -7.1640

Monochromacy



Original Color

183.0220, -49.7920, -0.7040

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.1320, -17.9270, 0.0010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.0220, -49.7920, -0.7040 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(135, 197, 237)` looks like.

```
.text, #text, p{  
    color:rgb(135, 197, 237)  
}
```

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(135, 197, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 197, 237) }
```

Border

The CSS property to change the border of an element to YIQ 183.0220, -49.7920, -0.7040 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(135, 197, 237) }
```


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

```
.border{ border-color:rgb(135, 197, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 197, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 197, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 197, 237); box-shadow:4px 4px 4px 4px rgb(135, 197, 237) }
```

Background

The CSS property to change the background color of an element to YIQ 183.0220, -49.7920, -0.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 197, 237) }
```

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

```
.background{ background-color: rgb(135,  
197, 237) }
```

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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