

Converting Colors

YIQ(183.9500, -22.9260, 8.0020)

Have a look what the booklet for
YIQ(183.9500, -22.9260, 8.0020)
contains.

YIQ(183.9500, -22.9260, 8.0020)	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(183.9500, -22.9260,
8.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B9DF
RGB	167, 185, 223
RGB Percent	65%, 73%, 87%
CMY	0.3451, 0.2745, 0.1256
CMYK	0.25, 0.17, 0.00, 0.13
HSL	221°, 47%, 76%
HSV	221°, 25%, 87%
XYZ	46.6010, 48.2421, 76.6459
YIQ	183.9500, -22.9260, 8.0020

Conversions

Conversions Part 2

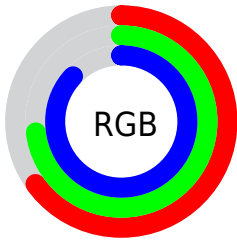
Format	Color
R _Y B	167, 181, 223
Decimal	10992095
CIE Lab	74.98, 2.12, -21.05
CIE LCh	75, 21.161, 275.754
Yxy	48.2421, 0.2717, 0.2813
Android (android.graphics.Color)	4289182175 (0xFFA7B9DF)
YUV	183.9500, 19.2517, -14.8651
Hunter-Lab	69.4566, -1.7866, -16.8074

Details

The YIQ color $183.9500, -22.9260, 8.0020$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $206.0500, 22.9260, -8.0020$, and the grayscale version is $184.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $237.2140, -15.2220, 0.5380$, and $130.7220, -22.2840, 7.3800$ is the 20% darker color. If you saturate the color by 10%, you get $168.5670, -31.9130, 11.1830$, and if you desaturate by 10%, it is $199.3330, -13.9390, 4.8210$.

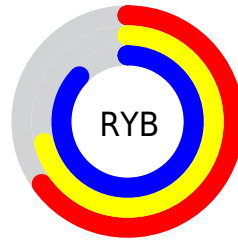
Distribution



Red (65%)

Green (73%)

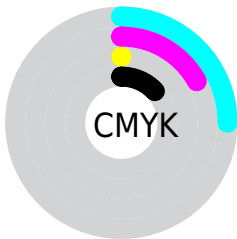
Blue (87%)



Red (65%)

Yellow (71%)

Blue (87%)

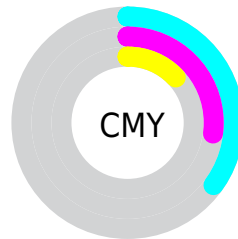


Cyan (25%)

Magenta (17%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (27%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.9500, -22.9260, 8.0020 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 183.9500, -22.9260, 8.0020 by changing the saturation by 10% instead.

■ 183.9500,
-22.9260, 8.0020

■ 183.9500,
-22.9260, 8.0020

■ 255.0000, -0.0000,
-0.0000

■ 156.8360,
-22.6050, 7.6910

■ 237.2140,
-15.2220, 0.5380

■ 130.7220,
-22.2840, 7.3800

■ 254.1030, -1.7880,
-0.6360

■ 105.1950,
-22.2380, 6.5460

■ 81.0810, -21.9170,
6.2350

■ 57.2550, -22.4670,
5.1890

■ 33.8310, -24.2090,
3.7190

■ 15.1090, -19.1200,

5.1040

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 183.9500,
-22.9260, 8.0020

■ 183.9500,
-22.9260, 8.0020

■ 168.5670,
-31.9130, 11.1830

■ 199.3330,
-13.9390, 4.8210

■ 152.8850,
-41.4960, 14.1520

■ 215.0150, -4.3560,
1.8520

■ 137.5020,
-50.4830, 17.3330

■ 230.3980, 4.6310,
-1.3290

■ 122.1190,
-59.4700, 20.5140

■ 245.4820, 13.0220,
-4.7220

■ 106.1490,
-68.1820, 24.2180

■ 251.3520, 10.2720,
-9.9520

■ 90.4670, -77.7650,
27.1870

■ 75.0840, -86.7520,
30.3680

■ 67.6860, -91.3830,
31.6970

Harmonies

Analogous

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



180.1390, -37.0000, -1.2560



183.9500, -22.9260, 8.0020



186.8170, -3.2580, 14.9980

Triad

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



183.9500, -22.9260, 8.0020



187.1090, 33.6060, 7.7020



178.4780, -16.6860, -16.9900

Complementary

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



183.9500, -22.9260, 8.0020



206.0500, 22.9260, -8.0020

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.



180.9980, 2.3410, -14.8990



183.9500, -22.9260, 8.0020



185.2730, 29.8480, -1.2880

Square

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



183.9500, -22.9260, 8.0020



187.9870, 28.3780, 14.3460



183.2560, 19.3500, -9.2740



177.1480, -33.1920, -15.2080

Rectangle

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



183.9500, -22.9260, 8.0020



187.6290, 9.0750, 17.2590



183.2560, 19.3500, -9.2740



179.3000, -10.3130, -16.8490

Sweetspot

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



183.9500, -22.9260, 8.0020



240.8020, -8.0700, 3.0820



204.0900, -27.2770, -17.7810



118.8300, -5.2730, 1.9510



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.



183.9500, -22.9260, 8.0020



201.7520, -30.9960, 11.0840



176.0750, -12.6120, 19.3240



104.6020, -4.6310, 1.3290



53.5230, -72.1710, 24.9250



14.8640, -19.8080, 6.5600

Inverse Universe

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



185.7960, 27.5980, 17.4700



204.4600, 37.5920, 23.5760



213.9250, 12.6120, -19.3240



104.7450, 5.2720, 3.5760



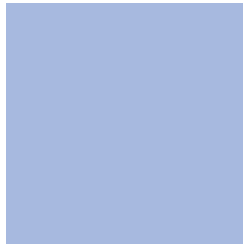
59.1220, 86.5990, 55.0390



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 183.9500, -22.9260, 8.0020 looks on a white background.

Color Contrast Check

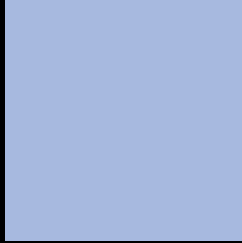
Large Text (above 18pt) WCAG AA × Fail

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 183.9500, -22.9260, 8.0020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

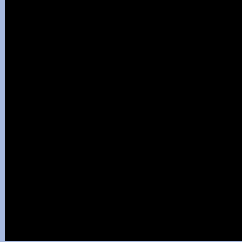
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.9500, -22.9260, 8.0020

Background



This preview shows how black text looks on a background with the YIQ color 183.9500, -22.9260, 8.0020.



This preview shows how white text looks on a background with the YIQ color 183.9500, -22.9260,

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

183.9500, -22.9260, 8.0020

Protanopia

185.2390, -16.3700, 10.3340

Deuteranopia

185.6140, -12.9320, 14.1080



Tritanopia

182.2350, -19.7150, -0.6350

Trichromacy



Original Color

183.9500, -22.9260, 8.0020

Protanomaly

185.0430, -18.7540, 9.4860

Deuteranomaly

185.2930, -16.4620, 12.0020

Tritanomaly

182.7450, -21.0910, 2.2770

Monochromacy



Original Color

183.9500, -22.9260, 8.0020

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.8020, -8.0700, 3.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.9500, -22.9260, 8.0020 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(167, 185, 223)` looks like.

```
.text, #text, p{  
    color:rgb(167, 185, 223)  
}
```

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(167, 185, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 185, 223) }
```

Border

The CSS property to change the border of an element to YIQ 183.9500, -22.9260, 8.0020 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(167, 185, 223) }
```


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

```
.border{ border-color:rgb(167, 185, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 185, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 185, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 185, 223);  
box-shadow:4px 4px 4px 4px rgb(167, 185,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 183.9500, -22.9260, 8.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 185, 223) }
```

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

```
.background{ background-color: rgb(167,  
185, 223) }
```

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