

Converting Colors

YIQ(183.0110, -24.8960,
-0.3520)

Have a look what the booklet for
YIQ(183.0110, -24.8960, -0.3520)
contains.

YIQ(183.0110, -24.8960, -0.3520)	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(183.0110, -24.8960,
-0.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	9FBED2
RGB	159, 190, 210
RGB Percent	62%, 75%, 82%
CMY	0.3765, 0.2548, 0.1766
CMYK	0.24, 0.10, 0.00, 0.18
HSL	203°, 36%, 72%
HSV	203°, 24%, 82%
XYZ	44.3405, 48.8536, 68.0464
YIQ	183.0110, -24.8960, -0.3520

Conversions

Conversions Part 2

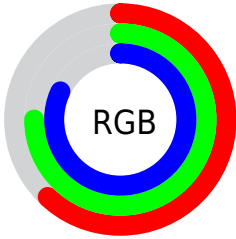
Format	Color
RYB	159, 178, 210
Decimal	10469074
CIELab	75.36, -6.01, -13.48
CIElCh	75, 14.755, 245.967
Yxy	48.8536, 0.2750, 0.3030
Android (android.graphics.Color)	4288659154 (0xFF9FBED2)
YUV	183.0110, 13.3056, -21.0576
Hunter-Lab	69.8954, -9.0793, -8.7949

Details

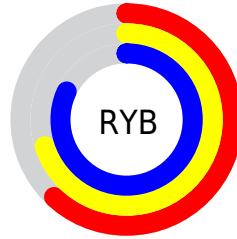
The YIQ color $183.0110, -24.8960, -0.3520$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $185.9890, 24.8960, 0.3520$, and the grayscale version is $183.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.4580, -21.9610, -3.9850$, and $129.8970, -24.5750, -0.6630$ is the 20% darker color. If you saturate the color by 10%, you get $172.0360, -35.2120, -0.6200$, and if you desaturate by 10%, it is $193.9860, -14.5800, -0.0840$.

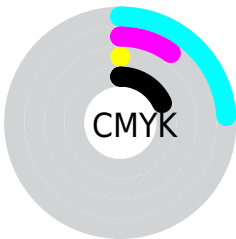
Distribution



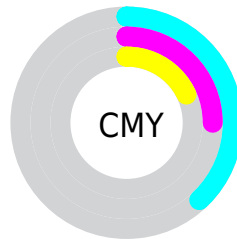
- Red (62%)
- Green (75%)
- Blue (82%)



- Red (62%)
- Yellow (70%)
- Blue (82%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (38%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.0110, -24.8960, -0.3520 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 183.0110, -24.8960, -0.3520 by changing the saturation by 10% instead.

■ 183.0110,
-24.8960, -0.3520

■ 183.0110,
-24.8960, -0.3520

■ 255.0000, -0.0000,
-0.0000

■ 155.8970,
-24.5750, -0.6630

■ 237.4580,
-21.9610, -3.9850

■ 129.7830,
-24.2540, -0.9740

■ 251.4120, -7.1520,
-2.5440

■ 104.0820,
-23.6580, -0.7620

■ 79.9680, -23.3370,
-1.0730

■ 56.5550, -23.6120,
-1.5960

■ 32.9460, -26.2710,
-2.9670

■ 17.0180, -17.6060,

-0.3100

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 183.0110,
-24.8960, -0.3520

■ 183.0110,
-24.8960, -0.3520

■ 172.0360,
-35.2120, -0.6200

■ 193.9860,
-14.5800, -0.0840

■ 161.0610,
-45.5280, -0.8880

■ 204.9610, -4.2640,
0.1840

■ 149.4990,
-55.5690, -0.6330

■ 216.5230, 5.7770,
-0.0710

■ 138.5240,
-65.8850, -0.9010

■ 227.4980, 16.0930,
0.1970

■ 127.5490,
-76.2010, -1.1690

■ 235.7820, 21.0450,
-1.4430

■ 116.5740,
-86.5170, -1.4370

■ 240.4780, 18.8450,
-5.6270

■ 105.0120,
-96.5580, -1.1820

■ 245.7610, 16.3700,
-10.3340

■ 99.0760,
-102.6100, -1.6340

■ 249.8700, 14.4450,
-13.9950

Harmonies

Analogous

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



181.3540, -27.6000, -6.4160



183.0110, -24.8960, -0.3520



185.3760, -15.4980, 5.5420

Triad

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



183.0110, -24.8960, -0.3520



188.1600, 20.4010, 10.2330



183.3340, 1.5150, -10.9410

Complementary

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



183.0110, -24.8960, -0.3520



185.9890, 24.8960, 0.3520

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.



185.3140, 13.4350, -6.7010



183.0110, -24.8960, -0.3520



187.8520, 24.0240, 5.1440

Square

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



183.0110, -24.8960, -0.3520



188.5380, 10.5890, 11.8450



186.4940, 21.9160, -0.7080



181.8640, -11.7810, -12.2690

Rectangle

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



183.0110, -24.8960, -0.3520



186.9750, -6.8790, 9.0330



186.4940, 21.9160, -0.7080



183.7260, 6.2830, -9.2450

Sweetspot

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



183.0110, -24.8960, -0.3520



245.5090, -8.8030, -0.1550



191.2170, -20.4450, -20.4530



122.3630, -5.4560, -0.2400



0.0000, 0.0000, 0.0000



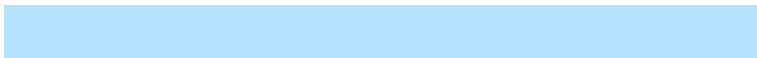
128.0000, -0.0000, -0.0000

Same Dimension

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



183.0110, -24.8960, -0.3520



215.8510, -36.1290, -0.5210



168.3360, -18.0210, 12.7230



98.7760, -5.1810, 0.2830



79.0260, -81.9780, -1.0980



19.3490, -20.0360, -0.3240

Inverse Universe

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



177.7830, 20.4450, 20.4530



208.2560, 29.6590, 29.6830



200.6640, 18.0210, -12.7230



97.9730, 4.6300, 4.1980



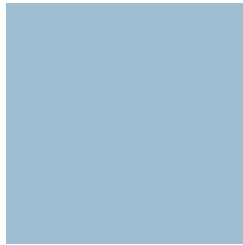
61.8600, 67.3860, 67.3380



15.1090, 16.4110, 16.4670

Previews

White Background



This preview shows how the YIQ color 183.0110, -24.8960, -0.3520 looks on a white background.

Color Contrast Check

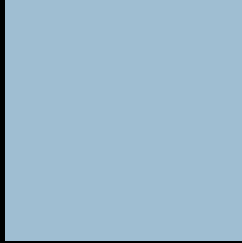
Large Text (above 18pt) WCAG AA × Fail

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 183.0110, -24.8960, -0.3520 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

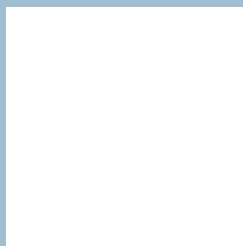
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 183.0110, -24.8960, -0.3520

Background



This preview shows how black text looks on a background with the YIQ color 183.0110, -24.8960, -0.3520.



This preview shows how white text looks on a background with the YIQ color 183.0110, -24.8960, -0.3520.

-0.3520.

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

183.0110, -24.8960, -0.3520

Protanopia

185.9100, -8.2540, 6.4180

Deuteranopia

187.5240, -3.9910, 11.7610



Tritanopia

182.8430, -24.4830, -2.3310

Trichromacy



Original Color

183.0110, -24.8960, -0.3520

Protanomaly

184.8060, -13.8930, 3.9870

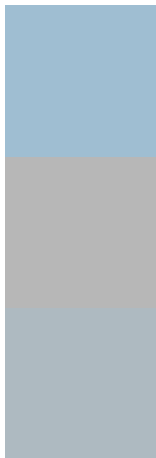
Deuteranomaly

185.5830, -11.6470, 7.3370

Tritanomaly

182.9570, -24.8040, -2.0200

Monochromacy



Original Color

183.0110, -24.8960, -0.3520

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.2100, -9.3990, -0.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.0110, -24.8960, -0.3520 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(159, 190, 210)` looks like.

```
.text, #text, p{  
    color:rgb(159, 190, 210)  
}
```

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(159, 190, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 190, 210) }
```

Border

The CSS property to change the border of an element to YIQ 183.0110, -24.8960, -0.3520 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(159, 190, 210) }
```


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

```
.border{ border-color:rgb(159, 190, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 190, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 190, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 190, 210);  
box-shadow:4px 4px 4px 4px rgb(159, 190,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 183.0110, -24.8960, -0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 190, 210) }
```

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

```
.background{ background-color: rgb(159,  
190, 210) }
```

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