

Converting Colors

YIQ(184.8190, -23.9350, 9.7690)

Have a look what the booklet for
YIQ(184.8190, -23.9350, 9.7690)
contains.

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Color

**YIQ(184.8190, -23.9350,
9.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B9E4
RGB	168, 185, 228
RGB Percent	66%, 73%, 89%
CMY	0.3412, 0.2745, 0.1060
CMYK	0.26, 0.19, 0.00, 0.11
HSL	223°, 53%, 78%
HSV	223°, 26%, 89%
XYZ	47.4972, 48.6250, 80.2572
YIQ	184.8190, -23.9350, 9.7690

Conversions

Conversions Part 2

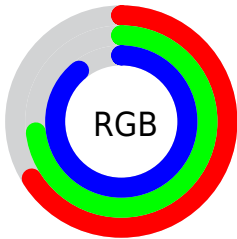
Format	Color
R _Y B	168, 181, 228
Decimal	11057636
CIE Lab	75.22, 3.60, -23.39
CIE LCh	75, 23.668, 278.745
Yxy	48.6250, 0.2693, 0.2757
Android (android.graphics.Color)	4289247716 (0xFFA8B9E4)
YUV	184.8190, 21.2882, -14.7503
Hunter-Lab	69.7316, -0.4463, -19.4273

Details

The YIQ color **184.8190, -23.9350, 9.7690** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **211.1810, 23.9350, -9.7690**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.5130, -14.6260, 0.7500**, and **131.4770, -22.9720, 8.8360** is the 20% darker color. If you saturate the color by 10%, you get **168.5500, -33.2430, 13.2610**, and if you desaturate by 10%, it is **201.0880, -14.6270, 6.2770**.

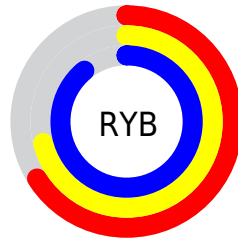
Distribution



Red (66%)

Green (73%)

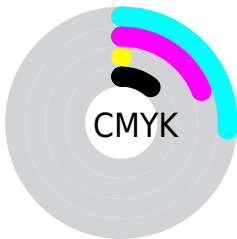
Blue (89%)



Red (66%)

Yellow (71%)

Blue (89%)

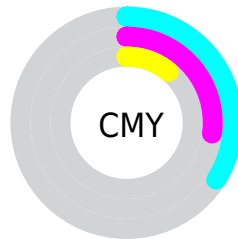


Cyan (26%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (34%)

Magenta (27%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.8190, -23.9350, 9.7690 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 184.8190, -23.9350, 9.7690 by changing the saturation by 10% instead.

■ 184.8190,
-23.9350, 9.7690

■ 184.8190,
-23.9350, 9.7690

■ 255.0000, -0.0000,
-0.0000

■ 157.7050,
-23.6140, 9.4580

■ 237.5130,
-14.6260, 0.7500

■ 131.4770,
-22.9720, 8.8360

■ 254.4020, -1.1920,
-0.4240

■ 106.0640,
-23.2470, 8.3130

■ 81.5370, -23.2010,
7.4790

■ 57.7110, -23.7510,
6.4330

■ 33.9880, -26.0890,
4.7510

■ 16.1520, -20.6790,

5.8250

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 184.8190,
-23.9350, 9.7690

■ 184.8190,
-23.9350, 9.7690

■ 168.5500,
-33.2430, 13.2610

■ 201.0880,
-14.6270, 6.2770

■ 151.6940,
-42.2760, 17.2760

■ 217.9440, -5.5940,
2.2620

■ 135.7240,
-50.9880, 20.9800

■ 233.9140, 3.1180,
-1.4420

■ 119.4550,
-60.2960, 24.4720

■ 248.9870, 10.0420,
-5.7820

■ 102.5990,
-69.3290, 28.4870

■ 251.9220, 8.6670,
-8.3970

■ 86.3300, -78.6370,
31.9790

■ 70.0610, -87.9450,
35.4710

■ 64.1470, -91.0630,
36.9130

Harmonies

Analogous

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



180.2140, -41.5850, -0.7610



184.8190, -23.9350, 9.7690



188.3550, -1.8370, 16.7790

Triad

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



184.8190, -23.9350, 9.7690



187.2620, 37.5490, 7.8290



177.9720, -21.1330, -18.9970

Complementary

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



184.8190, -23.9350, 9.7690



211.1810, 23.9350, -9.7690

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.



181.0470, 0.6450, -17.2030



184.8190, -23.9350, 9.7690



185.8880, 32.3700, -2.9420

Square

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



184.8190, -23.9350, 9.7690



188.9660, 32.8710, 15.5190



183.6750, 19.4880, -11.7760



176.2720, -39.4730, -17.0170

Rectangle

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



184.8190, -23.9350, 9.7690



188.9500, 12.6050, 19.3650



183.6750, 19.4880, -11.7760



178.9790, -13.8430, -18.9550

Sweetspot

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



184.8190, -23.9350, 9.7690



240.2150, -7.7950, 3.6050



208.0080, -29.9820, -18.3180



118.2430, -4.9980, 2.4740



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.



184.8190, -23.9350, 9.7690



196.4360, -32.9220, 12.9500



178.4280, -12.1080, 21.2040



106.7160, -4.9520, 1.6400



50.3430, -71.4840, 28.9960



14.0320, -20.2210, 8.5390

Inverse Universe

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



187.8780, 30.3030, 18.0070



200.2540, 41.1680, 24.8480



217.5720, 12.1080, -21.2040



107.0440, 5.8680, 3.7880



59.3350, 90.3130, 53.8090



16.8450, 25.9020, 15.1660

Previews

White Background



This preview shows how the YIQ color 184.8190, -23.9350, 9.7690 looks on a white background.

Color Contrast Check

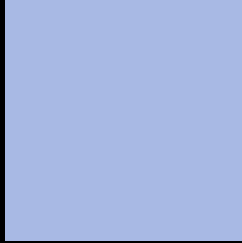
Large Text (above 18pt) WCAG AA × Fail

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 184.8190, -23.9350, 9.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

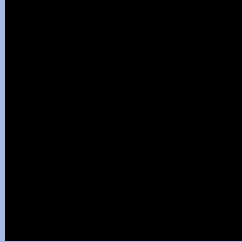
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.8190, -23.9350, 9.7690

Background



This preview shows how black text looks on a background with the YIQ color 184.8190, -23.9350, 9.7690.



This preview shows how white text looks on a background with the YIQ color 184.8190, -23.9350,

9.7690.

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

184.8190, -23.9350, 9.7690

Protanopia

185.6240, -18.8920, 11.9880

Deuteranopia

186.4720, -15.4080, 14.9280



Tritanopia

182.9360, -20.3110, -0.8470

Trichromacy



Original Color

184.8190, -23.9350, 9.7690

Protanomaly

185.3140, -20.9550, 10.8290

Deuteranomaly

185.5640, -18.6630, 13.3450

Tritanomaly

183.9730, -21.7330, 2.8990

Monochromacy



Original Color

184.8190, -23.9350, 9.7690

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.0300, -8.7120, 3.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.8190, -23.9350, 9.7690 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(168, 185, 228)` looks like.

```
.text, #text, p{  
    color:rgb(168, 185, 228)  
}
```

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(168, 185, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 185, 228) }
```

Border

The CSS property to change the border of an element to YIQ 184.8190, -23.9350, 9.7690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

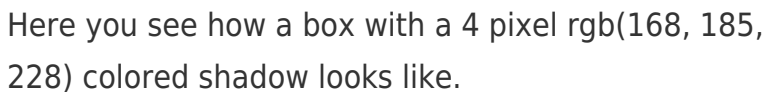
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 185, 228) }
```


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

```
.border{ border-color:rgb(168, 185, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 185, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 185, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 185, 228); box-shadow:4px 4px 4px 4px rgb(168, 185, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 184.8190, -23.9350, 9.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 185, 228) }
```

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

```
.background{ background-color: rgb(168,  
185, 228) }
```

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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