

Converting Colors

YIQ(183.0850, -18.5720,
17.2040)

Have a look what the booklet for
YIQ(183.0850, -18.5720, 17.2040)
contains.

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Color

**YIQ(183.0850, -18.5720,
17.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B1E9
RGB	176, 177, 233
RGB Percent	69%, 69%, 91%
CMY	0.3098, 0.3059, 0.0864
CMYK	0.24, 0.24, 0.00, 0.09
HSL	239°, 56%, 80%
HSV	239°, 24%, 91%
XYZ	48.3323, 46.5571, 83.5075
YIQ	183.0850, -18.5720, 17.2040

Conversions

Conversions Part 2

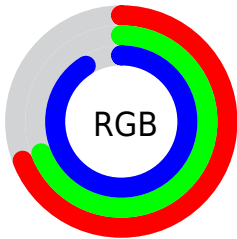
Format	Color
R _Y B	176, 177, 233
Decimal	11579881
CIE Lab	73.91, 11.57, -28.06
CIE LCh	74, 30.351, 292.399
Yxy	46.5571, 0.2709, 0.2610
Android (android.graphics.Color)	4289769961 (0xFFB0B1E9)
YUV	183.0850, 24.6081, -6.2135
Hunter-Lab	68.2327, 7.0323, -24.7999

Details

The YIQ color $183.0850, -18.5720, 17.2040$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $225.9150, 18.5720, -17.2040$, and the grayscale version is $183.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.2090, -7.6580, 6.6300$, and $130.0310, -18.4800, 15.5360$ is the 20% darker color. If you saturate the color by 10%, you get $162.7070, -25.9550, 24.3570$, and if you desaturate by 10%, it is $203.4630, -11.1890, 10.0510$.

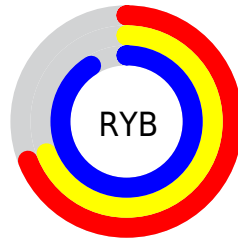
Distribution



Red (69%)

Green (69%)

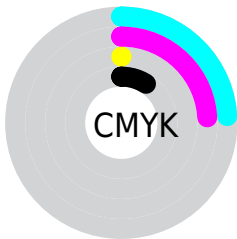
Blue (91%)



Red (69%)

Yellow (69%)

Blue (91%)

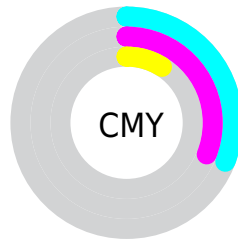


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.0850, -18.5720, 17.2040 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 183.0850, -18.5720, 17.2040 by changing the saturation by 10% instead.

■ 183.0850,
-18.5720, 17.2040

■ 183.0850,
-18.5720, 17.2040

■ 255.0000, -0.0000,
-0.0000

■ 155.9710,
-18.2510, 16.8930

■ 235.2090, -7.6580,
6.6300

■ 130.0310,
-18.4800, 15.5360

■ 104.8030,
-17.8380, 14.9140

■ 79.9770, -18.3880,
13.8680

■ 56.4500, -18.3420,
13.0340

■ 33.6130, -20.3590,
11.0410

■ 11.2110, -19.1670,

11.4650

■ 4.5940, -10.1800,
8.2840

■ 0.1140, -0.3210,
0.3110

■ 183.0850,
-18.5720, 17.2040

■ 183.0850,
-18.5720, 17.2040

■ 162.7070,
-25.9550, 24.3570

■ 203.4630,
-11.1890, 10.0510

■ 142.0300,
-33.9340, 31.2980

■ 224.1400, -3.2100,
3.1100

■ 121.6520,
-41.3170, 38.4510

■ 244.5180, 4.1730,
-4.0430

■ 101.2740,
-48.7000, 45.6040

■ 252.4920, 7.0620,
-6.8420

■ 81.4830, -56.3580,
52.2340

■ 60.8060, -64.3370,
59.1750

■ 40.4280, -71.7200,
66.3280

■ 28.9100, -75.8930,
70.3710

Harmonies

Analogous

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



176.4510, -46.4460, 4.7380



183.0850, -18.5720, 17.2040



186.0300, 9.6240, 23.8320

Triad

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



183.0850, -18.5720, 17.2040



182.9330, 45.6650, 3.9130



170.0450, -40.5720, -24.6360

Complementary

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



183.0850, -18.5720, 17.2040



225.9150, 18.5720, -17.2040

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.



174.3010, -12.0540, -23.8460



183.0850, -18.5720, 17.2040



180.5690, 34.5260, -8.9780

Square

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



183.0850, -18.5720, 17.2040



184.7240, 45.2960, 16.1120



177.8220, 14.4000, -18.6880



167.0720, -62.3970, -20.0690

Rectangle

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



183.0850, -18.5720, 17.2040



185.9410, 25.9920, 24.5520



177.8220, 14.4000, -18.6880



171.4220, -31.4480, -24.7920

Sweetspot

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



183.0850, -18.5720, 17.2040



239.0520, -5.7780, 5.5980



215.7290, -33.3300, -12.7060



118.2540, -3.5310, 3.4210



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.



183.0850, -18.5720, 17.2040



190.0230, -24.0290, 22.4910



190.5710, -2.2050, 23.4510



107.2540, -3.5310, 3.4210



22.3950, -58.9260, 54.7220



6.7430, -17.6090, 16.2710

Inverse Universe

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



193.1570, 33.6510, 12.3950



203.2400, 43.7830, 15.9990



218.4290, 2.2050, -23.4510



109.2890, 6.5560, 2.3320



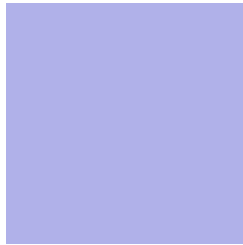
54.4610, 106.9130, 39.3050



16.2600, 31.8630, 11.7590

Previews

White Background



This preview shows how the YIQ color 183.0850, -18.5720, 17.2040 looks on a white background.

Color Contrast Check

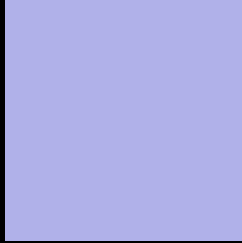
Large Text (above 18pt) WCAG AA × Fail

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 183.0850, -18.5720, 17.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

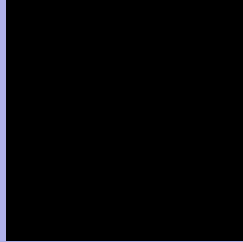
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.0850, -18.5720, 17.2040

Background



This preview shows how black text looks on a background with the YIQ color 183.0850, -18.5720, 17.2040.



This preview shows how white text looks on a background with the YIQ color 183.0850, -18.5720,

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

183.0850, -18.5720, 17.2040

Protanopia

181.7960, -25.1280, 14.8720

Deuteranopia

182.4760, -21.2310, 15.8330



Tritanopia

180.5240, -13.1590, 1.6970

Trichromacy



Original Color

183.0850, -18.5720, 17.2040

Protanomaly

181.9920, -22.7440, 15.7200

Deuteranomaly

182.7750, -20.6350, 16.0450

Tritanomaly

181.7290, -14.9940, 7.4220

Monochromacy



Original Color

183.0850, -18.5720, 17.2040

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.9810, -7.0160, 6.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.0850, -18.5720, 17.2040 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(176, 177, 233)` looks like.

```
.text, #text, p{  
    color:rgb(176, 177, 233)  
}
```

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(176, 177, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 177, 233) }
```

Border

The CSS property to change the border of an element to YIQ 183.0850, -18.5720, 17.2040 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(176, 177, 233) }
```


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

```
.border{ border-color:rgb(176, 177, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 177, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 177, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 177, 233);  
box-shadow:4px 4px 4px 4px rgb(176, 177,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 183.0850, -18.5720, 17.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 177, 233) }
```

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

```
.background{ background-color: rgb(176,  
177, 233) }
```

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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