

Converting Colors

YIQ(184.7810, -11.6040,
23.0840)

Have a look what the booklet for
YIQ(184.7810, -11.6040, 23.0840)
contains.

YIQ(184.7810, -11.6040, 23.0840)	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(184.7810, -11.6040,
23.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	BCADED
RGB	188, 173, 237
RGB Percent	74%, 68%, 93%
CMY	0.2627, 0.3216, 0.0707
CMYK	0.21, 0.27, 0.00, 0.07
HSL	254°, 64%, 80%
HSV	254°, 27%, 93%
XYZ	50.9687, 46.6916, 86.4281
YIQ	184.7810, -11.6040, 23.0840

Conversions

Conversions Part 2

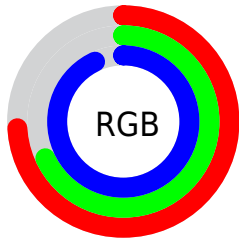
Format	Color
RYB	188, 173, 237
Decimal	12365293
CIELab	73.99, 18.32, -30.02
CIELCh	74, 35.170, 301.393
Yxy	46.6916, 0.2769, 0.2536
Android (android.graphics.Color)	4290555373 (0xFFBCADED)
YUV	184.7810, 25.7440, 2.8231
Hunter-Lab	68.3313, 13.5645, -27.1605

Details

The YIQ color $184.7810, -11.6040, 23.0840$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $225.2190, 11.6040, -23.0840$, and the grayscale version is $185.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $236.1610, 1.4650, 12.0010$, and $131.7270, -11.5120, 21.4160$ is the 20% darker color. If you saturate the color by 10%, you get $165.3110, -15.7320, 31.8200$, and if you desaturate by 10%, it is $204.2510, -7.4760, 14.3480$.

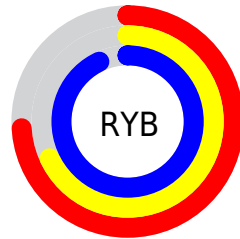
Distribution



Red (74%)

Green (68%)

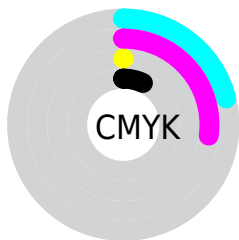
Blue (93%)



Red (74%)

Yellow (68%)

Blue (93%)

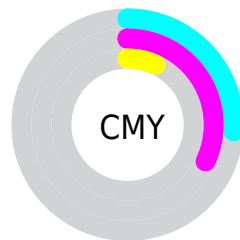


Cyan (21%)

Magenta (27%)

Yellow (0%)

Black (7%)



Cyan (26%)

Magenta (32%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.7810, -11.6040, 23.0840 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 184.7810, -11.6040, 23.0840 by changing the saturation by 10% instead.

■ 184.7810,
-11.6040, 23.0840

■ 184.7810,
-11.6040, 23.0840

■ 255.0000, -0.0000,
-0.0000

■ 157.6670,
-11.2830, 22.7730

■ 236.1610, 1.4650,
12.0010

■ 131.7270,
-11.5120, 21.4160

■ 106.2000,
-11.4660, 20.5820

■ 81.3740, -12.0160,
19.5360

■ 57.7330, -11.6490,
18.3910

■ 35.4940, -12.4740,
16.8220

■ 12.1950, -13.0700,

16.6100

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,
1.8660

■ 184.7810,
-11.6040, 23.0840

■ 184.7810,
-11.6040, 23.0840

■ 165.3110,
-15.7320, 31.8200

■ 204.2510, -7.4760,
14.3480

■ 146.4280,
-20.1350, 40.0330

■ 223.1340, -3.0730,
6.1350

■ 126.9580,
-24.2630, 48.7690

■ 242.6040, 1.0550,
-2.6010

■ 107.1890,
-28.9870, 57.2930

■ 252.9480, 5.7780,
-5.5980

■ 88.3060, -33.3900,
65.5060

■ 68.8360, -37.5180,
74.2420

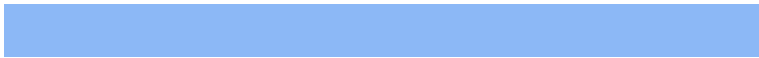
■ 49.3660, -41.6460,
82.9780

■ 43.7620, -42.7010,
85.5790

Harmonies

Analogous

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



177.9120, -46.1260, 9.9540



184.7810, -11.6040, 23.0840



186.3520, 20.5810, 29.0050

Triad

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



184.7810, -11.6040, 23.0840



182.0380, 49.5630, -0.6530



165.0690, -58.3150, -27.9710

Complementary

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



184.7810, -11.6040, 23.0840



225.2190, 11.6040, -23.0840

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.



171.6090, -24.8450, -28.8210



184.7810, -11.6040, 23.0840



179.3960, 33.3350, -14.9290

Square

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



184.7810, -11.6040, 23.0840



183.9760, 53.2740, 14.6980



176.1260, 7.4320, -24.5680



160.9540, -82.6160, -22.5840

Rectangle

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



184.7810, -11.6040, 23.0840



186.2090, 37.0410, 28.0570



176.1260, 7.4320, -24.5680



167.4030, -47.6320, -28.8480

Sweetspot

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



184.7810, -11.6040, 23.0840



238.4760, -4.0360, 7.0680



209.0590, -34.0190, -5.7230



117.3790, -2.3850, 4.6790



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.



184.7810, -11.6040, 23.0840



188.3280, -14.4020, 29.7420



194.3490, 7.4680, 29.8680



107.8520, -2.3390, 3.8450



33.4910, -32.4730, 65.4070



10.0430, -9.5860, 19.5500

Inverse Universe

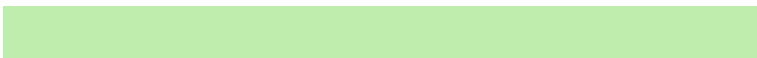
The Inverse Universe completely reimagines the original color for something new.



197.7220, 22.4150, 28.8070



204.7000, 28.6490, 36.9770



215.6510, -7.4680, -29.8680



110.3150, 3.6670, 5.1310



69.9650, 63.2570, 81.6010



20.8200, 19.0230, 24.1990

Previews

White Background



This preview shows how the YIQ color 184.7810, -11.6040, 23.0840 looks on a white background.

Color Contrast Check

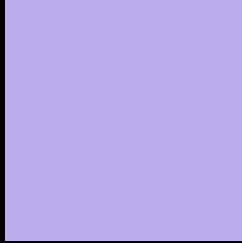
Large Text (above 18pt) WCAG AA × Fail

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 184.7810, -11.6040, 23.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

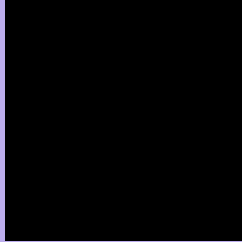
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.7810, -11.6040, 23.0840

Background



This preview shows how black text looks on a background with the YIQ color 184.7810, -11.6040, 23.0840.



This preview shows how white text looks on a background with the YIQ color 184.7810, -11.6040,

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

184.7810, -11.6040, 23.0840

Protanopia

182.5830, -28.8420, 16.1020

Deuteranopia

183.1060, -23.0650, 16.0310



Tritanopia

182.2970, -5.0900, 4.1420

Trichromacy



Original Color

184.7810, -11.6040, 23.0840

Protanomaly

182.9860, -22.6070, 18.7450

Deuteranomaly

183.7260, -18.9390, 18.3490

Tritanomaly

183.1430, -7.2920, 11.0120

Monochromacy



Original Color

184.7810, -11.6040, 23.0840

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.1170, -4.4030, 8.2130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.7810, -11.6040, 23.0840 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(188, 173, 237)` looks like.

```
.text, #text, p{  
    color:rgb(188, 173, 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(188, 173, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 173, 237) }
```

Border

The CSS property to change the border of an element to YIQ 184.7810, -11.6040, 23.0840 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(188, 173, 237) }
```


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

```
.border{ border-color:rgb(188, 173, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 173, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 173, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 173, 237);  
box-shadow:4px 4px 4px 4px rgb(188, 173,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 184.7810, -11.6040, 23.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 173, 237) }
```

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

```
.background{ background-color: rgb(188,  
173, 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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