

Converting Colors

YIQ(181.8710, -12.5180, 6.6020)

Have a look what the booklet for
YIQ(181.8710, -12.5180, 6.6020)
contains.

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Color

**YIQ(181.8710, -12.5180,
6.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB5CF
RGB	174, 181, 207
RGB Percent	68%, 71%, 81%
CMY	0.3176, 0.2902, 0.1883
CMYK	0.16, 0.13, 0.00, 0.19
HSL	227°, 26%, 75%
HSV	227°, 16%, 81%
XYZ	45.2403, 46.5518, 65.6210
YIQ	181.8710, -12.5180, 6.6020

Conversions

Conversions Part 2

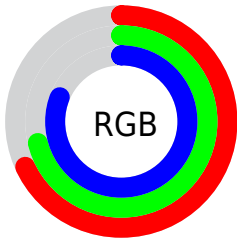
Format	Color
RYB	174, 180, 207
Decimal	11449807
CIELab	73.90, 2.88, -13.93
CIELCh	74, 14.228, 281.683
Yxy	46.5518, 0.2874, 0.2957
Android (android.graphics.Color)	4289639887 (0xFFFAEB5CF)
YUV	181.8710, 12.3886, -6.9029
Hunter-Lab	68.2288, -1.0429, -9.2637

Details

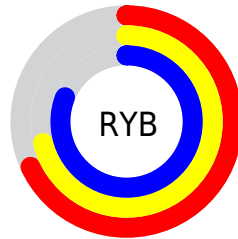
The YIQ color $181.8710, -12.5180, 6.6020$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $199.1290, 12.5180, -6.6020$, and the grayscale version is $182.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $236.9590, -9.9500, 4.1140$, and $128.7570, -12.1970, 6.2910$ is the 20% darker color. If you saturate the color by 10%, you get $166.2000, -20.6340, 10.5180$, and if you desaturate by 10%, it is $197.5420, -4.4020, 2.6860$.

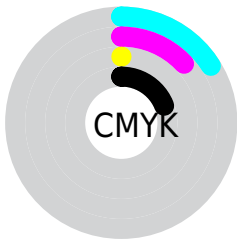
Distribution



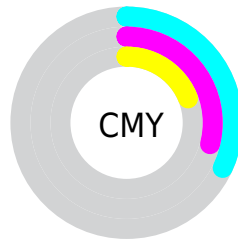
- Red (68%)
- Green (71%)
- Blue (81%)



- Red (68%)
- Yellow (71%)
- Blue (81%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



- Cyan (32%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.8710, -12.5180, 6.6020 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 181.8710, -12.5180, 6.6020 by changing the saturation by 10% instead.

■ 181.8710,
-12.5180, 6.6020

■ 181.8710,
-12.5180, 6.6020

■ 255.0000, -0.0000,
-0.0000

■ 154.7570,
-12.1970, 6.2910

■ 236.9590, -9.9500,
4.1140

■ 128.7570,
-12.1970, 6.2910

■ 103.6430,
-11.8760, 5.9800

■ 79.5290, -11.5550,
5.6690

■ 56.4150, -11.2340,
5.3580

■ 34.8880, -11.1880,
4.5240

■ 12.5890, -11.7840,

4.3120

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 181.8710,
-12.5180, 6.6020

■ 181.8710,
-12.5180, 6.6020

■ 166.2000,
-20.6340, 10.5180

■ 197.5420, -4.4020,
2.6860

■ 150.2410,
-27.8790, 15.1690

■ 213.5010, 2.8430,
-1.9650

■ 134.5700,
-35.9950, 19.0850

■ 229.1720, 10.9590,
-5.8810

■ 118.8990,
-44.1110, 23.0010

■ 244.2450, 17.8830,
-10.2210

■ 102.9400,
-51.3560, 27.6520

■ 249.5280, 15.4080,
-14.9280

■ 87.2690, -59.4720,
31.5680

■ 71.5980, -67.5880,
35.4840

■ 55.9270, -75.7040,
39.4000

■ 49.4260, -78.5470,
41.3650

Harmonies

Analogous

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



179.6200, -22.2370, 1.0190



181.8710, -12.5180, 6.6020



183.6230, 0.0440, 10.2200

Triad

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



181.8710, -12.5180, 6.6020



183.1400, 23.1530, 4.4090



177.9070, -13.3400, -11.5480

Complementary

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



181.8710, -12.5180, 6.6020



199.1290, 12.5180, -6.6020

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.



179.0780, -0.6400, -10.4320



181.8710, -12.5180, 6.6020



182.1840, 19.8530, -1.8670

Square

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



181.8710, -12.5180, 6.6020



184.2200, 20.1720, 8.8760



180.5310, 11.3260, -7.0260



176.6980, -22.8770, -9.4130

Rectangle

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



181.8710, -12.5180, 6.6020



184.0540, 9.0760, 11.7320



180.5310, 11.3260, -7.0260



178.0600, -9.3970, -11.4210

Sweetspot

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



181.8710, -12.5180, 6.6020



245.2430, -4.9980, 2.4740



196.3350, -17.4210, -9.1730



121.4990, -2.8430, 1.9650



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.



181.8710, -12.5180, 6.6020



218.3420, -18.1580, 9.6980



180.4530, -5.2290, 12.1710



96.4280, -4.0810, 2.3750



40.2840, -63.8280, 33.4200



9.9570, -15.6360, 8.0440

Inverse Universe

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



184.6650, 17.4210, 9.1730



222.4920, 25.3980, 13.2860



200.5470, 5.2290, -12.1710



97.5170, 5.9140, 2.9540



54.3360, 88.5720, 46.8120



13.2850, 21.5470, 11.4910

Previews

White Background



This preview shows how the YIQ color 181.8710, -12.5180, 6.6020 looks on a white background.

Color Contrast Check

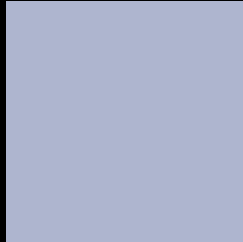
Large Text (above 18pt) WCAG AA × Fail

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 181.8710, -12.5180, 6.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

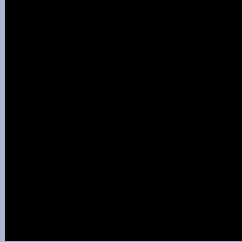
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.8710, -12.5180, 6.6020

Background



This preview shows how black text looks on a background with the YIQ color 181.8710, -12.5180, 6.6020.

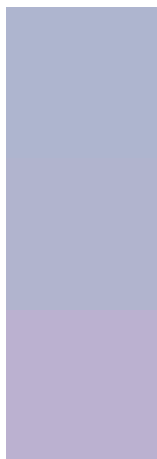


This preview shows how white text looks on a background with the YIQ color 181.8710, -12.5180,

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

181.8710, -12.5180, 6.6020

Protanopia

182.0670, -10.1340, 7.4500

Deuteranopia

183.5240, -3.9910, 11.7610



Tritanopia

181.3070, -11.0500, 2.0220

Trichromacy



Original Color

181.8710, -12.5180, 6.6020

Protanomaly

181.7680, -10.7300, 7.2380

Deuteranomaly

182.6160, -7.2460, 10.1780

Tritanomaly

181.4750, -11.4630, 4.0010

Monochromacy



Original Color

181.8710, -12.5180, 6.6020

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

182.1290, -4.6770, 2.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.8710, -12.5180, 6.6020 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(174, 181, 207)` looks like.

```
.text, #text, p{  
    color:rgb(174, 181, 207)  
}
```

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(174, 181, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 181, 207) }
```

Border

The CSS property to change the border of an element to YIQ 181.8710, -12.5180, 6.6020 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(174, 181, 207) }
```


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

```
.border{ border-color:rgb(174, 181, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 181, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 181, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 181, 207);  
box-shadow:4px 4px 4px 4px rgb(174, 181,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 181.8710, -12.5180, 6.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 181, 207) }
```

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

```
.background{ background-color: rgb(174,  
181, 207) }
```

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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