

Converting Colors

YIQ(178.1540, -5.8250, 11.9590)

Have a look what the booklet for
YIQ(178.1540, -5.8250, 11.9590)
contains.

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Color

**YIQ(178.1540, -5.8250,
11.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	B4ACCD
RGB	180, 172, 205
RGB Percent	71%, 67%, 80%
CMY	0.2941, 0.3255, 0.1961
CMYK	0.12, 0.16, 0.00, 0.20
HSL	255°, 25%, 74%
HSV	255°, 16%, 80%
XYZ	44.5946, 43.6155, 63.8180
YIQ	178.1540, -5.8250, 11.9590

Conversions

Conversions Part 2

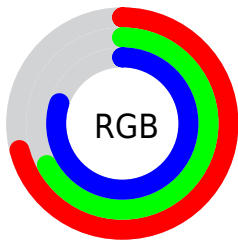
Format	Color
RYB	180, 172, 205
Decimal	11840717
CIELab	71.97, 9.34, -15.70
CIELCh	72, 18.269, 300.746
Yxy	43.6155, 0.2933, 0.2869
Android (android.graphics.Color)	4290030797 (0xFFB4ACCD)
YUV	178.1540, 13.2351, 1.6189
Hunter-Lab	66.0420, 4.9578, -11.0639

Details

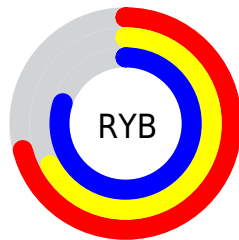
The YIQ color **178.1540, -5.8250, 11.9590** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **198.8460, 5.8250, -11.9590**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.8830, -3.6240, 10.6160**, and **125.6270, -5.7790, 11.1250** is the 20% darker color. If you saturate the color by 10%, you get **161.6300, -9.8610, 19.0270**, and if you desaturate by 10%, it is **194.6780, -1.7890, 4.8910**.

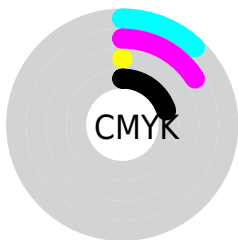
Distribution



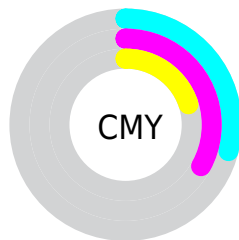
- Red (71%)
- Green (67%)
- Blue (80%)



- Red (71%)
- Yellow (67%)
- Blue (80%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1540, -5.8250, 11.9590 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 178.1540, -5.8250, 11.9590 by changing the saturation by 10% instead.

■ 178.1540, -5.8250,
11.9590

■ 178.1540, -5.8250,
11.9590

255.0000, -0.0000,
-0.0000

■ 151.0400, -5.5040,
11.6480

■ 232.8830, -3.6240,
10.6160

■ 125.6270, -5.7790,
11.1250

■ 100.5130, -5.4580,
10.8140

■ 76.3990, -5.1370,
10.5030

■ 53.5730, -5.6870,
9.4570

■ 32.0460, -5.6410,
8.6230

■ 8.1220, -2.7990,

12.1850

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 178.1540, -5.8250,
11.9590

■ 178.1540, -5.8250,
11.9590

■ 161.6300, -9.8610,
19.0270

■ 194.6780, -1.7890,
4.8910

■ 144.8180,
-13.0260, 26.8300

■ 211.4900, 1.3760,
-2.9120

■ 128.2940,
-17.0620, 33.8980

■ 228.0140, 5.4120,
-9.9800

■ 111.4820,
-20.2270, 41.7010

■ 244.8260, 8.5770,
-17.7830

■ 94.9580, -24.2630,
48.7690

■ 249.3000, 16.0500,
-15.5500

■ 78.1460, -27.4280,
56.5720

■ 61.6220, -31.4640,
63.6400

■ 44.8100, -34.6290,
71.4430

■ 38.3200, -36.0050,
74.3550

Harmonies

Analogous

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



175.5540, -21.8710, 5.4010



178.1540, -5.8250, 11.9590



179.5320, 10.7260, 14.8700

Triad

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



178.1540, -5.8250, 11.9590



177.3590, 26.7300, 0.1540



170.2090, -25.9940, -13.4980

Complementary

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



178.1540, -5.8250, 11.9590



198.8460, 5.8250, -11.9590

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.



171.6960, -11.3680, -14.2480



178.1540, -5.8250, 11.9590



175.5380, 18.6160, -6.9840

Square

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



178.1540, -5.8250, 11.9590



178.7710, 28.7460, 7.6740



174.2480, 4.6330, -12.3830



170.0650, -34.1560, -8.7480

Rectangle

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



178.1540, -5.8250, 11.9590



179.4960, 19.5750, 14.1910



174.2480, 4.6330, -12.3830



170.7210, -21.6840, -14.5160

Sweetspot

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



178.1540, -5.8250, 11.9590



244.3790, -2.3850, 4.6790



190.4370, -17.4680, -2.8120



121.5100, -1.3760, 2.9120



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.



178.1540, -5.8250, 11.9590



215.7610, -8.8520, 17.2600



182.9380, 3.7110, 15.3510



93.7380, -2.0180, 3.5340



30.8840, -29.4460, 60.1060



7.0230, -6.8340, 13.7260

Inverse Universe

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



184.7170, 11.6430, 14.7710



225.4560, 17.0520, 21.3720



194.0620, -3.7110, -15.3510



95.9020, 3.3920, 4.6080



63.8840, 58.8110, 74.0670



14.6680, 13.3390, 17.0750

Previews

White Background



This preview shows how the YIQ color 178.1540, -5.8250, 11.9590 looks on a white background.

Color Contrast Check

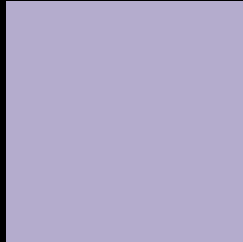
Large Text (above 18pt) WCAG AA × Fail

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 178.1540, -5.8250, 11.9590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

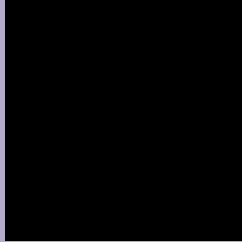
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.1540, -5.8250, 11.9590

Background



This preview shows how black text looks on a background with the YIQ color 178.1540, -5.8250, 11.9590.



This preview shows how white text looks on a background with the YIQ color 178.1540, -5.8250,

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

178.1540, -5.8250, 11.9590

Protanopia

177.1530, -13.2520, 8.8920

Deuteranopia

178.1540, -5.8250, 11.9590



Tritanopia

177.1940, -3.3020, 4.7780

Trichromacy



Original Color

178.1540, -5.8250, 11.9590

Protanomaly

177.6480, -10.2720, 9.9520

Deuteranomaly

178.1540, -5.8250, 11.9590

Tritanomaly

177.5900, -4.3570, 7.3790

Monochromacy



Original Color

178.1540, -5.8250, 11.9590

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.2650, -2.0640, 4.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1540, -5.8250, 11.9590 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(180, 172, 205)` looks like.

```
.text, #text, p{  
    color:rgb(180, 172, 205)  
}
```

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(180, 172, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 172, 205) }
```

Border

The CSS property to change the border of an element to YIQ 178.1540, -5.8250, 11.9590 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(180, 172, 205) }
```


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

```
.border{ border-color:rgb(180, 172, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 172, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 172, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 172, 205);  
box-shadow:4px 4px 4px 4px rgb(180, 172,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1540, -5.8250, 11.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 172, 205) }
```

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

```
.background{ background-color: rgb(180,  
172, 205) }
```

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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