

Converting Colors

YIQ(180.1540, -4.6840, 40.8520)

Have a look what the booklet for
YIQ(180.1540, -4.6840, 40.8520)
contains.

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Color

**YIQ(180.1540, -4.6840,
40.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	C99BFF
RGB	201, 155, 255
RGB Percent	79%, 61%, 100%
CMY	0.2116, 0.3922, 0.0001
CMYK	0.21, 0.39, 0.00, 0.00
HSL	268°, 100%, 80%
HSV	268°, 39%, 100%
XYZ	53.8634, 43.0783, 100.0631
YIQ	180.1540, -4.6840, 40.8520

Conversions

Conversions Part 2

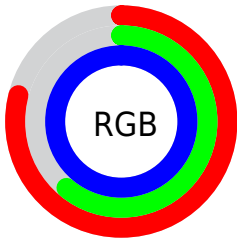
Format	Color
R_{YB}	201, 155, 255
Decimal	13212671
CIE _{Lab}	71.61, 36.15, -43.40
CIE _{LCh}	72, 56.479, 309.790
Yxy	43.0783, 0.2734, 0.2187
Android (android.graphics.Color)	4291402751 (0xFFC99BFF)
YUV	180.1540, 36.8991, 18.2819
Hunter-Lab	65.6341, 31.6285, -44.4473

Details

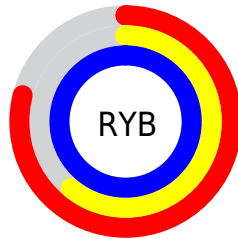
The YIQ color $180.1540, -4.6840, 40.8520$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $229.8460, 4.6840, -40.8520$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $228.5850, 12.3750, 23.5350$, and $126.3880, -5.4630, 38.4490$ is the 20% darker color. If you saturate the color by 10%, you get $160.7060, -5.8780, 51.4820$, and if you desaturate by 10%, it is $199.0150, -3.2150, 30.7450$.

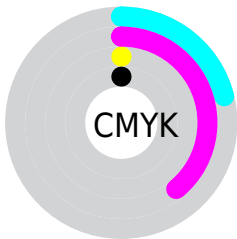
Distribution



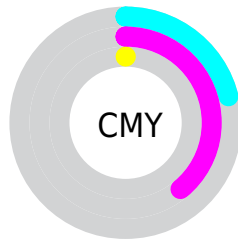
- Red (79%)
- Green (61%)
- Blue (100%)



- Red (79%)
- Yellow (61%)
- Blue (100%)



- Cyan (21%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.1540, -4.6840, 40.8520 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 180.1540, -4.6840, 40.8520 by changing the saturation by 10% instead.


 180.1540, -4.6840,
40.8520


 180.1540, -4.6840,
40.8520


255.0000, -0.0000,
-0.0000


 153.2140, -4.9130,
39.4950


 228.5850, 12.3750,
23.5350


 126.3880, -5.4630,
38.4490

 245.6080, 4.4000,
8.3680

 100.4480, -5.6920,
37.0920

 75.5080, -5.9210,
35.7350

 50.9700, -7.3420,
33.9540

 26.2580, -8.2130,
33.2190

 12.2370, -12.8880,

24.3280

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,
6.6300

■ 180.1540, -4.6840,
40.8520

■ 180.1540, -4.6840,
40.8520

■ 160.7060, -5.8780,
51.4820

■ 199.0150, -3.2150,
30.7450

■ 142.1440, -6.7510,
61.8010

■ 218.4630, -2.0210,
20.1150

■ 122.6960, -7.9450,
72.4310

■ 237.0250, -1.1480,
9.7960

■ 103.8350, -9.4140,
82.5380

■ 255.0000, -0.0000,
-0.0000

■ 84.3870, -10.6080,
93.1680

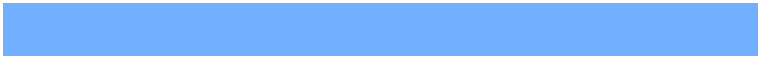
■ 65.8250, -11.4810,
103.4870

■ 64.0530, -12.1230,
104.1090

Harmonies

Analogous

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



165.8810, -62.0360, 11.9480



180.1540, -4.6840, 40.8520



179.0490, 44.1440, 48.0160

Triad

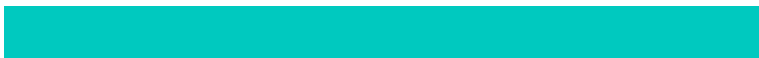
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180.1540, -4.6840, 40.8520



172.3650, 70.1510, -10.3370



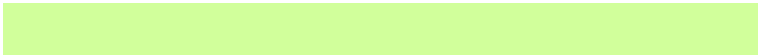
139.7610, -116.5860, -45.7220

Complementary

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



180.1540, -4.6840, 40.8520



229.8460, 4.6840, -40.8520

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.



146.0000, -72.2030, -51.6190



180.1540, -4.6840, 40.8520



168.7490, 41.8660, -31.8780

Square

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



180.1540, -4.6840, 40.8520



171.7800, 77.2530, 15.1490



162.4860, -3.1100, -42.7740



144.1730, -131.7650, -29.4370

Rectangle

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



180.1540, -4.6840, 40.8520



172.8470, 59.0920, 41.4280



162.4860, -3.1100, -42.7740



137.7090, -110.8080, -51.3200

Sweetspot

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



180.1540, -4.6840, 40.8520



231.7200, -1.6070, 12.6090



198.6850, -47.2250, 2.3350



114.4440, -1.0100, 7.2940



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.



180.1540, -4.6840, 40.8520



165.1250, -5.7400, 48.9800



194.8050, 24.5200, 51.2400



118.2760, -0.5970, 5.3150



48.0860, -8.8630, 78.0570



15.9670, -3.2600, 26.0520

Inverse Universe

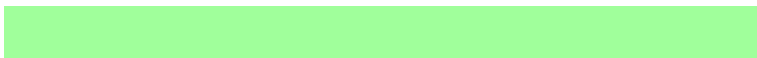
The Inverse Universe completely reimagines the original color for something new.



191.0560, 42.2660, 37.9940



178.2900, 50.6550, 45.6550



215.1950, -24.5200, -51.2400



119.6850, 5.5010, 4.9330



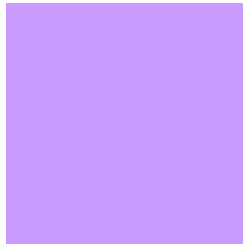
68.8510, 80.7730, 72.5250



23.0120, 27.2300, 24.1420

Previews

White Background



This preview shows how the YIQ color 180.1540, -4.6840, 40.8520 looks on a white background.

Color Contrast Check

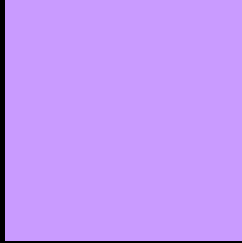
Large Text (above 18pt) WCAG AA × Fail

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 180.1540, -4.6840, 40.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

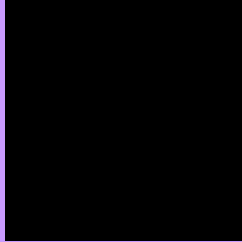
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.1540, -4.6840, 40.8520

Background



This preview shows how black text looks on a background with the YIQ color 180.1540, -4.6840, 40.8520.



This preview shows how white text looks on a background with the YIQ color 180.1540, -4.6840,

40.8520.

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

180.1540, -4.6840, 40.8520

Protanopia

174.8730, -41.2220, 20.2020

Deuteranopia

174.7050, -40.8090, 18.2230



Tritanopia

177.1630, 7.1510, 8.0710

Trichromacy



Original Color

180.1540, -4.6840, 40.8520

Protanomaly

176.4450, -27.9730, 27.8910

Deuteranomaly

176.6900, -27.2850, 26.4350

Tritanomaly

178.3880, 2.5640, 19.6200

Monochromacy



Original Color

180.1540, -4.6840, 40.8520

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.1870, -1.4240, 14.8000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.1540, -4.6840, 40.8520 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(201, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 155, 255)  
}
```

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(201, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 155, 255) }
```

Border

The CSS property to change the border of an element to YIQ 180.1540, -4.6840, 40.8520 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(201, 155, 255) }
```


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

```
.border{ border-color:rgb(201, 155, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 155,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 180.1540, -4.6840, 40.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 155, 255) }
```

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

```
.background{ background-color: rgb(201,  
155, 255) }
```

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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