

Converting Colors

YIQ(141.8530, -1.7980, 54.6340)

Have a look what the booklet for
YIQ(141.8530, -1.7980, 54.6340)
contains.

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Color

**YIQ(141.8530, -1.7980,
54.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	AE6BED
RGB	174, 107, 237
RGB Percent	68%, 42%, 93%
CMY	0.3174, 0.5805, 0.0707
CMYK	0.27, 0.55, 0.00, 0.07
HSL	271°, 78%, 67%
HSV	271°, 55%, 93%
XYZ	38.0061, 25.6281, 83.0433
YIQ	141.8530, -1.7980, 54.6340

Conversions

Conversions Part 2

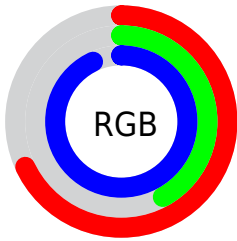
Format	Color
RYB	174, 107, 237
Decimal	11430893
CIELab	57.68, 50.77, -55.69
CIELCh	58, 75.358, 312.350
Yxy	25.6281, 0.2591, 0.1747
Android (android.graphics.Color)	4289620973 (0xFFAE6BED)
YUV	141.8530, 46.9075, 28.1929
Hunter-Lab	50.6242, 45.4162, -61.8215

Details

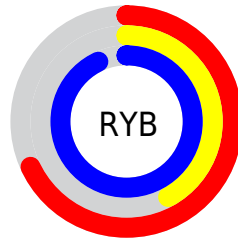
The YIQ color $141.8530, -1.7980, 54.6340$ is a light color, and the websafe version is hex $9966FF$. A complement of this color would be $202.1470, 1.7980, -54.6340$, and the grayscale version is $141.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $192.9450, 12.1420, 44.2860$, and $88.6740, -2.8520, 51.7080$ is the 20% darker color. If you saturate the color by 10%, you get $124.4760, -1.7540, 64.8540$, and if you desaturate by 10%, it is $159.5290, -1.2460, 44.6260$.

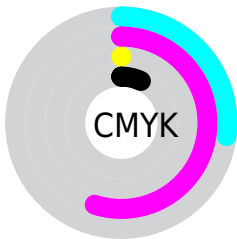
Distribution



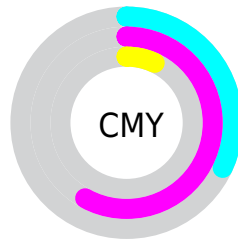
- Red (68%)
- Green (42%)
- Blue (93%)



- Red (68%)
- Yellow (42%)
- Blue (93%)



- Cyan (27%)
- Magenta (55%)
- Yellow (0%)
- Black (7%)



- Cyan (32%)
- Magenta (58%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.8530, -1.7980, 54.6340 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 141.8530, -1.7980, 54.6340 by changing the saturation by 10% instead.

■ 141.8530, -1.7980,
54.6340

■ 141.8530, -1.7980,
54.6340

■ 255.0000, -0.0000,
-0.0000

■ 114.9130, -2.0270,
53.2770

■ 192.3580, 12.4170,
44.8090

■ 88.0870, -2.5770,
52.2310

■ 215.6710, 18.4250,
35.0410

■ 61.3750, -3.4480,
51.4960

■ 232.6940, 10.4500,
19.8740

■ 32.9020, -3.4940,
52.3300

■ 249.1300, 2.7500,
5.2300

■ 20.7830, -13.9450,
37.9830

■ 8.6640, -24.3960,
23.6360

■ 8.2760, -17.7920,

14.0800

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 141.8530, -1.7980,
54.6340

■ 141.8530, -1.7980,
54.6340

■ 124.4760, -1.7540,
64.8540

■ 159.5290, -1.2460,
44.6260

■ 107.3870, -2.5810,
74.3390

■ 176.3190, -1.0150,
34.9290

■ 90.0100, -2.5370,
84.5590

■ 193.6960, -1.0590,
24.7090

■ 72.3340, -3.0890,
94.5670

■ 211.3720, -0.5070,
14.7010

■ 63.4960, -3.3650,
99.5710

■ 228.1620, -0.2760,
5.0040

■ 245.8380, 0.2760,
-5.0040

■ 252.6490, 5.1820,
-5.8100

■ 252.9480, 5.7780,
-5.5980

Harmonies

Analogous

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



110.0760, -119.8050, 7.1310



141.8530, -1.7980, 54.6340



133.0490, 62.4800, 68.1440

Triad

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



141.8530, -1.7980, 54.6340



130.2290, 84.7330, -21.3070



117.4260, -99.1650, -36.5490

Complementary

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



141.8530, -1.7980, 54.6340



202.1470, 1.7980, -54.6340

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.



107.7990, -76.1910, -56.4390



141.8530, -1.7980, 54.6340



126.9860, 45.0320, -45.2080

Square

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



141.8530, -1.7980, 54.6340



129.2190, 101.0020, 19.7700



114.0910, -12.9640, -62.4360



123.2060, -118.1960, -16.5320

Rectangle

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



141.8530, -1.7980, 54.6340



126.0720, 90.0360, 64.3400



114.0910, -12.9640, -62.4360



114.2170, -91.5070, -43.1790

Sweetspot

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



141.8530, -1.7980, 54.6340



224.9530, -0.6450, 17.2030



159.9750, -59.6050, 6.4350



109.7370, -0.2770, 10.5310



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.



141.8530, -1.7980, 54.6340



132.1650, -2.0760, 70.6920



160.6900, 35.7500, 67.9900



109.0480, 0.0450, 4.6930



48.4410, -2.6730, 76.0070



14.5280, -0.6460, 22.7300

Inverse Universe

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



153.0520, 57.2570, 47.1530



146.4660, 74.1270, 60.8070



183.3100, -35.7500, -67.9900



109.8590, 4.9510, 3.8870



64.1510, 79.6280, 65.7400



19.1100, 23.8380, 19.5340

Previews

White Background



This preview shows how the YIQ color 141.8530, -1.7980, 54.6340 looks on a white background.

Color Contrast Check

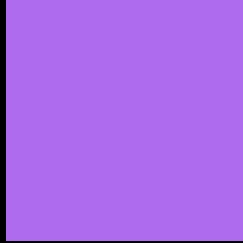
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.8530, -1.7980, 54.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

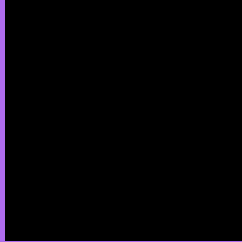
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 141.8530, -1.7980, 54.6340

Background



This preview shows how black text looks on a background with the YIQ color 141.8530, -1.7980, 54.6340.



This preview shows how white text looks on a background with the YIQ color 141.8530, -1.7980,

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

141.8530, -1.7980, 54.6340

Protanopia

131.3380, -73.0880, 25.0240

Deuteranopia

131.7220, -65.8420, 14.8460



Tritanopia

140.6150, 11.6900, 8.4100

Trichromacy



Original Color

141.8530, -1.7980, 54.6340



Protanomaly

135.1350, -47.2310, 35.4970



Deuteranomaly

135.4850, -42.6450, 29.4750



Tritanomaly

141.1160, 6.5060, 25.2740

Monochromacy



Original Color

141.8530, -1.7980, 54.6340



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

141.9470, -0.5080, 20.2280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.8530, -1.7980, 54.6340 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, 107, 237)` looks like.

```
.text, #text, p{  
    color:rgb(174, 107, 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(174, 107, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 107, 237) }
```

Border

The CSS property to change the border of an element to YIQ 141.8530, -1.7980, 54.6340 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, 107, 237) }
```


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

```
.border{ border-color:rgb(174, 107, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 107, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 107, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 107, 237);  
box-shadow:4px 4px 4px 4px rgb(174, 107,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 141.8530, -1.7980, 54.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 107, 237) }
```

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

```
.background{ background-color: rgb(174,  
107, 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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