

Converting Colors

YIQ(151.0060, 2.1450, 54.7610)

Have a look what the booklet for
YIQ(151.0060, 2.1450, 54.7610)
contains.

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Color

**YIQ(151.0060, 2.1450,
54.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	BB73F2
RGB	187, 115, 242
RGB Percent	73%, 45%, 95%
CMY	0.2664, 0.5491, 0.0511
CMYK	0.23, 0.52, 0.00, 0.05
HSL	274°, 83%, 70%
HSV	274°, 52%, 95%
XYZ	42.6600, 29.2369, 87.3812
YIQ	151.0060, 2.1450, 54.7610

Conversions

Conversions Part 2

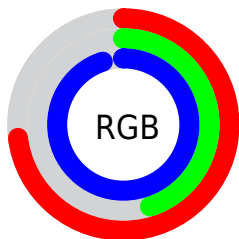
Format	Color
R_{YB}	187, 115, 242
Decimal	12284914
CIE _{Lab}	60.99, 50.97, -53.12
CIE _{LCh}	61, 73.615, 313.818
Yxy	29.2369, 0.2678, 0.1836
Android (android.graphics.Color)	4290474994 (0xFFBB73F2)
YUV	151.0060, 44.8600, 31.5667
Hunter-Lab	54.0712, 46.2049, -57.9652

Details

The YIQ color **151.0060, 2.1450, 54.7610** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **205.9940, -2.1450, -54.7610**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8270, 18.2860, 43.0700**, and **97.2400, 1.3660, 52.3580** is the 20% darker color. If you saturate the color by 10%, you get **133.9280, 2.7850, 65.1930**, and if you desaturate by 10%, it is **168.3830, 2.1010, 44.5410**.

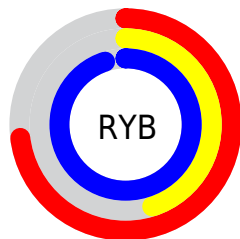
Distribution



Red (73%)

Green (45%)

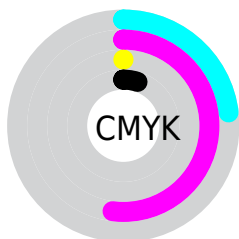
Blue (95%)



Red (73%)

Yellow (45%)

Blue (95%)

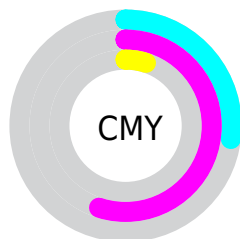


Cyan (23%)

Magenta (52%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (55%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.0060, 2.1450, 54.7610 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 151.0060, 2.1450, 54.7610 by changing the saturation by 10% instead.

151.0060, 2.1450,
54.7610

151.0060, 2.1450,
54.7610

255.0000, -0.0000,
-0.0000

124.0660, 1.9160,
53.4040

201.8270, 18.2860,
43.0700

97.2400, 1.3660,
52.3580

220.9540, 15.9500,
30.3340

70.5280, 0.4950,
51.6230

237.3900, 8.2500,
15.6900

39.7070, 1.5490,
54.5490

26.0230, -5.6930,
42.6190

15.3990, -13.1640,
29.3320

6.3840, -17.9760,

17.4160

■ 5.0500, -11.4640,
9.5280

■ 0.9120, -2.5680,
2.4880

■ 151.0060, 2.1450,
54.7610

■ 151.0060, 2.1450,
54.7610

■ 133.9280, 2.7850,
65.1930

■ 168.3830, 2.1010,
44.5410

■ 116.5510, 2.8290,
75.4130

■ 185.4610, 1.4610,
34.1090

■ 98.8860, 3.7440,
86.3680

■ 203.1260, 0.5460,
23.1540

■ 81.5090, 3.7880,
96.5880

■ 220.5030, 0.5020,
12.9340

68.5510, 3.9700,
104.3060

237.5810, -0.1380,
2.5020

252.0230, 1.1930,
-5.1030

253.5180, 4.1730,
-4.0430

Harmonies

Analogous

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



127.0420, -96.1020, 12.5860



151.0060, 2.1450, 54.7610



143.6530, 63.5350, 65.5430

Triad

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



151.0060, 2.1450, 54.7610



138.1920, 86.1550, -25.0530



123.9630, -105.1710, -37.8350

Complementary

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



151.0060, 2.1450, 54.7610



205.9940, -2.1450, -54.7610

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.



114.4500, -82.5180, -57.4140



151.0060, 2.1450, 54.7610



134.9490, 46.4540, -48.9540

Square

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



151.0060, 2.1450, 54.7610



139.5670, 99.9020, 17.6780



123.9320, -16.7700, -59.5380



129.0420, -123.6060, -17.6060

Rectangle

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



151.0060, 2.1450, 54.7610



136.4580, 85.7730, 58.9970



123.9320, -16.7700, -59.5380



120.8680, -97.8340, -44.1540

Sweetspot

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



151.0060, 2.1450, 54.7610



225.5510, 0.5470, 17.6270



161.7630, -55.8920, 10.7320



110.0360, 0.3190, 10.7430



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.



151.0060, 2.1450, 54.7610



139.8620, 3.1510, 69.5750



166.5390, 37.4930, 63.9330



111.4610, 0.3200, 5.2160



52.0720, 2.9200, 79.2720



15.9520, 1.0960, 24.2000

Inverse Universe

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



159.2430, 58.0370, 44.0290



150.1190, 73.4860, 55.9020



190.4610, -37.4930, -63.9330



112.1580, 5.5470, 4.0990



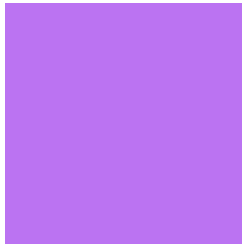
64.0220, 84.3050, 63.5770



19.4800, 25.6720, 19.3360

Previews

White Background



This preview shows how the YIQ color 151.0060, 2.1450, 54.7610 looks on a white background.

Color Contrast Check

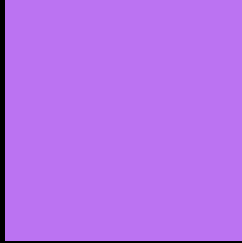
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.0060, 2.1450, 54.7610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

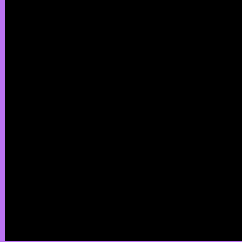
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.0060, 2.1450, 54.7610

Background



This preview shows how black text looks on a background with the YIQ color 151.0060, 2.1450, 54.7610.



This preview shows how white text looks on a background with the YIQ color 151.0060, 2.1450,

54.7610.

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

151.0060, 2.1450, 54.7610

Protanopia

142.6010, -63.6430, 24.5570

Deuteranopia

142.6690, -58.3230, 16.2450



Tritanopia

149.1210, 16.1370, 10.4170

Trichromacy



Original Color

151.0060, 2.1450, 54.7610



Protanomaly

145.4410, -39.3450, 35.7510



Deuteranomaly

145.8340, -36.3180, 30.4500



Tritanomaly

150.0950, 10.9990, 26.4470

Monochromacy



Original Color

151.0060, 2.1450, 54.7610



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.0180, 0.7300, 19.8180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0060, 2.1450, 54.7610 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(187, 115, 242)` looks like.

```
.text, #text, p{  
    color:rgb(187, 115, 242)  
}
```

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(187, 115, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 115, 242) }
```

Border

The CSS property to change the border of an element to YIQ 151.0060, 2.1450, 54.7610 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(187, 115, 242) }
```


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

```
.border{ border-color:rgb(187, 115, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 115, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 115, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 115, 242);  
box-shadow:4px 4px 4px 4px rgb(187, 115,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 151.0060, 2.1450, 54.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 115, 242) }
```

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

```
.background{ background-color: rgb(187,  
115, 242) }
```

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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