

Converting Colors

YIQ(155.9140, -3.7680, 46.2800)

Have a look what the booklet for
YIQ(155.9140, -3.7680, 46.2800)
contains.

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Color

**YIQ(155.9140, -3.7680,
46.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	B57FEF
RGB	181, 127, 239
RGB Percent	71%, 50%, 94%
CMY	0.2900, 0.5020, 0.0628
CMYK	0.24, 0.47, 0.00, 0.06
HSL	269°, 78%, 72%
HSV	269°, 47%, 94%
XYZ	42.2305, 31.2333, 85.4441
YIQ	155.9140, -3.7680, 46.2800

Conversions

Conversions Part 2

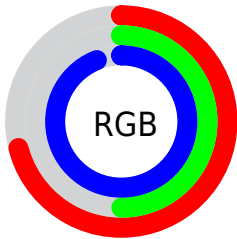
Format	Color
R_{YB}	181, 127, 239
Decimal	11894767
CIE _{Lab}	62.70, 42.29, -48.78
CIE _{LCh}	63, 64.559, 310.926
Yxy	31.2333, 0.2658, 0.1965
Android (android.graphics.Color)	4290084847 (0xFFB57FEF)
YUV	155.9140, 40.9614, 22.0004
Hunter-Lab	55.8868, 37.0808, -51.5265

Details

The YIQ color $155.9140, -3.7680, 46.2800$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $210.0860, 3.7680, -46.2800$, and the grayscale version is $156.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $206.7780, 10.8140, 35.3100$, and $102.7350, -4.8220, 43.3540$ is the 20% darker color. If you saturate the color by 10%, you get $138.2380, -4.3200, 56.2880$, and if you desaturate by 10%, it is $173.5900, -3.2160, 36.2720$.

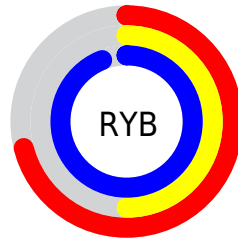
Distribution



Red (71%)

Green (50%)

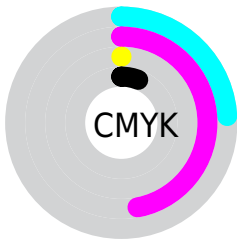
Blue (94%)



Red (71%)

Yellow (50%)

Blue (94%)

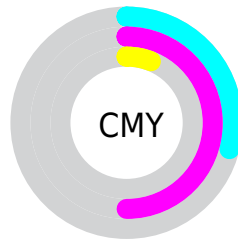


Cyan (24%)

Magenta (47%)

Yellow (0%)

Black (6%)



Cyan (29%)

Magenta (50%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.9140, -3.7680, 46.2800 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 155.9140, -3.7680, 46.2800 by changing the saturation by 10% instead.

155.9140, -3.7680,
46.2800

155.9140, -3.7680,
46.2800

255.0000, -0.0000,
-0.0000

128.9740, -3.9970,
44.9230

206.7780, 10.8140,
35.3100

102.7350, -4.8220,
43.3540

227.9980, 12.6500,
24.0580

77.4960, -5.6470,
41.7850

244.4340, 4.9500,
9.4140

51.7840, -6.5180,
41.0500

24.8980, -6.8390,
41.3610

13.6760, -15.5020,
27.6500

6.1560, -17.3340,

16.7940

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 155.9140, -3.7680,
46.2800

■ 155.9140, -3.7680,
46.2800

■ 138.2380, -4.3200,
56.2880

■ 173.5900, -3.2160,
36.2720

■ 120.2630, -5.4680,
66.0840

■ 191.5650, -2.0680,
26.4760

■ 102.5870, -6.0200,
76.0920

■ 209.2410, -1.5160,
16.4680

■ 84.9110, -6.5720,
86.1000

■ 226.9170, -0.9640,
6.4600

■ 66.9360, -7.7200,
95.8960

■ 244.3050, 0.4590,
-2.8130

■ 61.6310, -8.1790,
98.7090

■ 253.1760, 5.1360,
-4.9760

Harmonies

Analogous

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



137.4410, -84.0440, 14.3240



155.9140, -3.7680, 46.2800



152.7990, 51.0200, 55.5640

Triad

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



155.9140, -3.7680, 46.2800



145.9110, 77.1210, -15.5110



124.6810, -104.4370, -40.1250

Complementary

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



155.9140, -3.7680, 46.2800



210.0860, 3.7680, -46.2800

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.



116.0800, -84.3520, -57.2160



155.9140, -3.7680, 46.2800



141.6490, 47.5990, -42.1690

Square

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



155.9140, -3.7680, 46.2800



147.1190, 89.5400, 18.2440



134.8180, -7.2810, -49.7850



129.6630, -121.2210, -22.2850

Rectangle

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



155.9140, -3.7680, 46.2800



148.4410, 75.2750, 51.0110



134.8180, -7.2810, -49.7850



121.8140, -97.7420, -45.8220

Sweetspot

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



155.9140, -3.7680, 46.2800



228.4860, -0.8280, 15.0120



174.9880, -52.4520, 3.4520



111.4980, -1.1020, 8.9620



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.



155.9140, -3.7680, 46.2800



148.9330, -4.7790, 59.1010



172.0600, 28.4160, 57.7280



111.1620, -0.2760, 5.0040



47.5870, -6.0200, 76.0920



14.4570, -1.8840, 23.1400

Inverse Universe

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



167.1000, 48.1340, 41.7820



163.1930, 61.4740, 53.3300



193.9400, -28.4160, -57.7280



112.2720, 5.2260, 4.4100



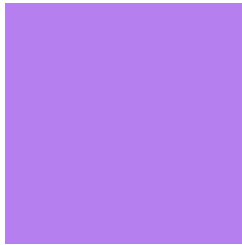
65.8460, 79.1690, 68.5530



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 155.9140, -3.7680, 46.2800 looks on a white background.

Color Contrast Check

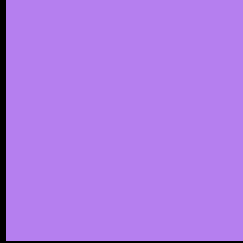
Large Text (above 18pt) WCAG AA × Fail

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 155.9140, -3.7680, 46.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

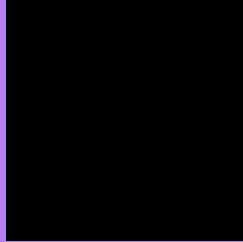
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.9140, -3.7680, 46.2800

Background



This preview shows how black text looks on a background with the YIQ color 155.9140, -3.7680, 46.2800.



This preview shows how white text looks on a background with the YIQ color 155.9140, -3.7680,

46.2800.

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

155.9140, -3.7680, 46.2800

Protanopia

147.9390, -58.7830, 24.5850

Deuteranopia

148.2030, -51.0790, 17.1210



Tritanopia

153.5330, 8.9850, 7.8730

Trichromacy



Original Color

155.9140, -3.7680, 46.2800



Protanomaly

150.6320, -38.5650, 32.6270



Deuteranomaly

150.9220, -33.7500, 27.9620



Tritanomaly

154.3390, 4.2600, 21.9240

Monochromacy



Original Color

155.9140, -3.7680, 46.2800



Achromatopsia

156.0000, -0.0000, -0.0000



Achromatomaly

155.6540, -1.2410, 16.9910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.9140, -3.7680, 46.2800 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(181, 127, 239)` looks like.

```
.text, #text, p{  
    color:rgb(181, 127, 239)  
}
```

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(181, 127, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 127, 239) }
```

Border

The CSS property to change the border of an element to YIQ 155.9140, -3.7680, 46.2800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

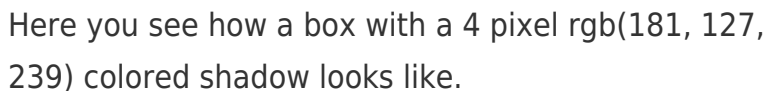
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 127, 239) }
```


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

```
.border{ border-color:rgb(181, 127, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 127, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 127, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 127, 239);  
box-shadow:4px 4px 4px 4px rgb(181, 127,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 155.9140, -3.7680, 46.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 127, 239) }
```

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

```
.background{ background-color: rgb(181,  
127, 239) }
```

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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