

Converting Colors

YIQ(152.3000, 1.1370, 51.0010)

Have a look what the booklet for
YIQ(152.3000, 1.1370, 51.0010)
contains.

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Color

**YIQ(152.3000, 1.1370,
51.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	B977EE
RGB	185, 119, 238
RGB Percent	73%, 47%, 93%
CMY	0.2743, 0.5334, 0.0668
CMYK	0.22, 0.50, 0.00, 0.07
HSL	273°, 78%, 70%
HSV	273°, 50%, 93%
XYZ	42.0447, 29.6805, 84.3846
YIQ	152.3000, 1.1370, 51.0010

Conversions

Conversions Part 2

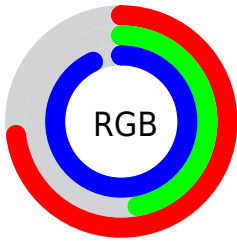
Format	Color
RYB	185, 119, 238
Decimal	12154862
CIELab	61.38, 47.45, -50.30
CIELCh	61, 69.148, 313.330
Yxy	29.6805, 0.2693, 0.1901
Android (android.graphics.Color)	4290344942 (0xFFB977EE)
YUV	152.3000, 42.2501, 28.6779
Hunter-Lab	54.4798, 42.4175, -53.6994

Details

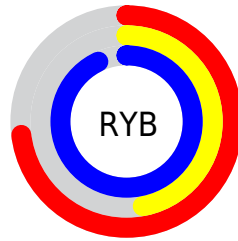
The YIQ color **152.3000, 1.1370, 51.0010** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **204.7000, -1.1370, -51.0010**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.2780, 15.3980, 40.3420**, and **99.1210, 0.0830, 48.0750** is the 20% darker color. If you saturate the color by 10%, you get **134.9230, 1.1810, 61.2210**, and if you desaturate by 10%, it is **169.6770, 1.0930, 40.7810**.

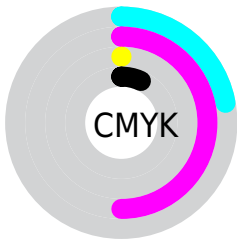
Distribution



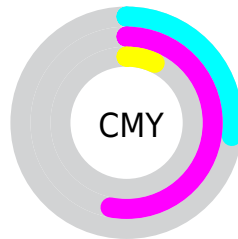
- Red (73%)
- Green (47%)
- Blue (93%)



- Red (73%)
- Yellow (47%)
- Blue (93%)



- Cyan (22%)
- Magenta (50%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.3000, 1.1370, 51.0010 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 152.3000, 1.1370, 51.0010 by changing the saturation by 10% instead.

152.3000, 1.1370,
51.0010

152.3000, 1.1370,
51.0010

255.0000, -0.0000,
-0.0000

125.3600, 0.9080,
49.6440

203.2780, 15.3980,
40.3420

99.1210, 0.0830,
48.0750

223.3020, 14.8500,
28.2420

72.7080, -0.1920,
47.5520

239.7380, 7.1500,
13.5980

45.2350, -0.2380,
48.3860

25.6810, -4.7300,
41.6860

15.0570, -12.2010,
28.3990

6.0420, -17.0130,

16.4830

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 152.3000, 1.1370,
51.0010

■ 152.3000, 1.1370,
51.0010

■ 134.9230, 1.1810,
61.2210

■ 169.6770, 1.0930,
40.7810

■ 117.8450, 1.8210,
71.6530

■ 186.7550, 0.4530,
30.3490

■ 101.0550, 1.5900,
81.3500

■ 203.5450, 0.6840,
20.6520

■ 83.9770, 2.2300,
91.7820

■ 220.6230, 0.0440,
10.2200

66.6000, 2.2740,
102.0020

238.0000, -0.0000,
0.0000

251.2680, 1.8810,
-6.5590

253.0620, 5.4570,
-5.2870

Harmonies

Analogous

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



133.0110, -85.6490, 15.8790



152.3000, 1.1370, 51.0010



146.8540, 58.3550, 60.2990

Triad

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



152.3000, 1.1370, 51.0010



140.0500, 83.6790, -24.2330



123.2620, -104.5750, -37.6230

Complementary

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



152.3000, 1.1370, 51.0010



204.7000, -1.1370, -51.0010

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.



114.7920, -83.4810, -56.4810



152.3000, 1.1370, 51.0010



135.8460, 48.2420, -48.3180

Square

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



152.3000, 1.1370, 51.0010



142.4030, 94.4920, 16.6040



127.9480, -13.6990, -54.6190



128.4720, -122.0010, -19.1610

Rectangle

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



152.3000, 1.1370, 51.0010



141.9690, 82.6560, 54.9120



127.9480, -13.6990, -54.6190



120.7540, -97.5130, -44.4650

Sweetspot

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



152.3000, 1.1370, 51.0010



227.6110, 0.3180, 16.2700



164.2640, -53.0490, 8.7670



111.2100, -0.2310, 9.6970



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.



152.3000, 1.1370, 51.0010



144.8570, 1.5470, 65.6030



167.4630, 34.6510, 60.3710



111.4610, 0.3200, 5.2160



51.4740, 1.7280, 78.8480



15.6530, 0.5000, 23.9880

Inverse Universe

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



160.6230, 53.9110, 41.7110



155.4990, 69.3600, 53.5840



189.5370, -34.6510, -60.3710



112.1580, 5.5470, 4.0990



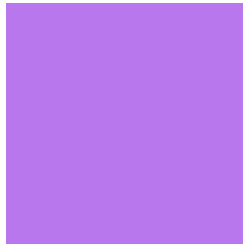
64.3640, 83.3420, 64.5100



19.5940, 25.3510, 19.6470

Previews

White Background



This preview shows how the YIQ color 152.3000, 1.1370, 51.0010 looks on a white background.

Color Contrast Check

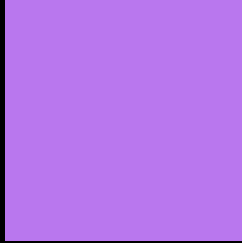
Large Text (above 18pt) WCAG AA ✓ Pass

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 152.3000, 1.1370, 51.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

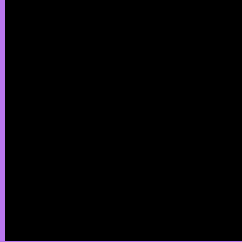
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 152.3000, 1.1370, 51.0010

Background



This preview shows how black text looks on a background with the YIQ color 152.3000, 1.1370, 51.0010.



This preview shows how white text looks on a background with the YIQ color 152.3000, 1.1370,

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

152.3000, 1.1370, 51.0010

Protanopia

144.0850, -62.1300, 24.6700

Deuteranopia

144.4200, -53.1880, 16.7960



Tritanopia

150.2240, 14.3490, 9.7810

Trichromacy



Original Color

152.3000, 1.1370, 51.0010



Protanomaly

147.3870, -39.2530, 34.0830



Deuteranomaly

146.8620, -33.5210, 29.3190



Tritanomaly

150.6710, 9.2570, 24.9770

Monochromacy



Original Color

152.3000, 1.1370, 51.0010



Achromatopsia

152.0000, -0.0000, -0.0000



Achromatomaly

152.0780, 0.5010, 18.4610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.3000, 1.1370, 51.0010 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(185, 119, 238)` looks like.

```
.text, #text, p{  
    color:rgb(185, 119, 238)  
}
```

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(185, 119, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 119, 238) }
```

Border

The CSS property to change the border of an element to YIQ 152.3000, 1.1370, 51.0010 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(185, 119, 238) }
```


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

```
.border{ border-color:rgb(185, 119, 238) }
```

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

Here you see how a box with a 4 pixel rgb(185, 119, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 119, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 119, 238);  
box-shadow:4px 4px 4px 4px rgb(185, 119,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 152.3000, 1.1370, 51.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 119, 238) }
```

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

```
.background{ background-color: rgb(185,  
119, 238) }
```

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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