

Converting Colors

YIQ(153.1310, -5.8770, 45.9550)

Have a look what the booklet for
YIQ(153.1310, -5.8770, 45.9550)
contains.

YIQ(153.1310, -5.8770, 45.9550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(153.1310, -5.8770,
45.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	B07DEE
RGB	176, 125, 238
RGB Percent	69%, 49%, 93%
CMY	0.3096, 0.5099, 0.0668
CMYK	0.26, 0.47, 0.00, 0.07
HSL	267°, 77%, 71%
HSV	267°, 47%, 93%
XYZ	40.6750, 30.0691, 84.5273
YIQ	153.1310, -5.8770, 45.9550

Conversions

Conversions Part 2

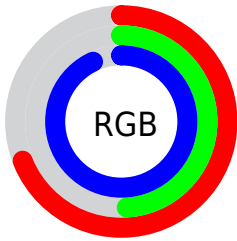
Format	Color
RYB	176, 125, 238
Decimal	11566574
CIELab	61.71, 41.82, -49.82
CIElCh	62, 65.046, 310.007
Yxy	30.0691, 0.2620, 0.1937
Android (android.graphics.Color)	4289756654 (0xFFB07DEE)
YUV	153.1310, 41.8404, 20.0561
Hunter-Lab	54.8353, 36.4435, -53.0094

Details

The YIQ color $153.1310, -5.8770, 45.9550$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $209.8690, 5.8770, -45.9550$, and the grayscale version is $153.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $204.1090, 8.3840, 35.2960$, and $99.9520, -6.9310, 43.0290$ is the 20% darker color. If you saturate the color by 10%, you get $135.1560, -7.0250, 55.7510$, and if you desaturate by 10%, it is $171.1060, -4.7290, 36.1590$.

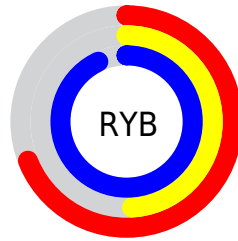
Distribution



Red (69%)

Green (49%)

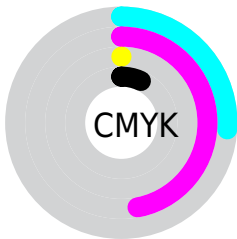
Blue (93%)



Red (69%)

Yellow (49%)

Blue (93%)

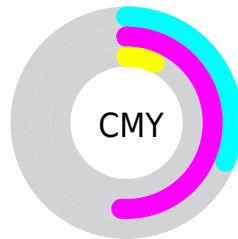


Cyan (26%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (31%)


Magenta (51%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.1310, -5.8770, 45.9550 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 153.1310, -5.8770, 45.9550 by changing the saturation by 10% instead.


 153.1310, -5.8770,
45.9550


 153.1310, -5.8770,
45.9550


255.0000, -0.0000,
-0.0000


 126.1910, -6.1060,
44.5980


 204.1090, 8.3840,
35.2960


 99.9520, -6.9310,
43.0290


 226.8240, 13.2000,
25.1040

 74.7130, -7.7560,
41.4600

 243.2600, 5.5000,
10.4600

 49.5880, -8.9020,
40.2020

 22.9900, -10.0940,
39.7780

 11.1700, -19.9490,
25.6430

 6.1560, -17.3340,

16.7940

■ 4.7080, -10.5010,
8.5950

■ 0.3420, -0.9630,
0.9330

■ 153.1310, -5.8770,
45.9550

■ 153.1310, -5.8770,
45.9550

■ 135.1560, -7.0250,
55.7510

■ 171.1060, -4.7290,
36.1590

■ 117.1810, -8.1730,
65.5470

■ 189.0810, -3.5810,
26.3630

■ 99.7930, -9.5960,
74.8200

■ 206.4690, -2.1580,
17.0900

■ 81.8180, -10.7440,
84.6160

■ 224.4440, -1.0100,
7.2940

■ 63.8430, -11.8920,
94.4120

■ 242.4190, 0.1380,
-2.5020

■ 59.4240, -12.0300,
96.9140

■ 252.7630, 4.8610,
-5.4990

■ 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.



132.0810, -91.8380, 12.4020



153.1310, -5.8770, 45.9550



149.7280, 49.7820, 55.9740

Triad

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



153.1310, -5.8770, 45.9550



143.5090, 78.3130, -15.0870



122.3500, -102.0070, -40.1110

Complementary

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



153.1310, -5.8770, 45.9550



209.8690, 5.8770, -45.9550

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.



114.3360, -82.1970, -57.7250



153.1310, -5.8770, 45.9550



137.8620, 51.3130, -43.3990

Square

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



153.1310, -5.8770, 45.9550



144.6460, 89.4940, 19.0780



132.1880, -5.4470, -49.9830



127.4460, -119.1120, -21.9600

Rectangle

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



153.1310, -5.8770, 45.9550



146.0820, 74.9080, 52.1560



132.1880, -5.4470, -49.9830



120.0700, -95.5870, -46.3310

Sweetspot

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



153.1310, -5.8770, 45.9550



227.8880, -2.0200, 14.5880



174.2760, -53.3230, 2.7170



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.



153.1310, -5.8770, 45.9550



145.9650, -7.8050, 58.8750



169.8750, 27.4990, 57.8270



110.8630, -0.8720, 4.7920



45.7930, -9.5960, 74.8200



13.8590, -3.0760, 22.7160

Inverse Universe

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



165.8550, 47.4460, 43.2380



162.3610, 61.0610, 55.3090



193.1250, -27.4990, -57.8270



112.2720, 5.2260, 4.4100



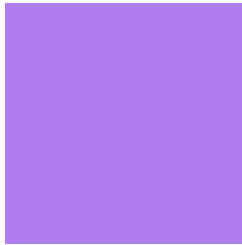
66.5300, 77.2430, 70.4190



20.2780, 23.4250, 21.5130

Previews

White Background



This preview shows how the YIQ color 153.1310, -5.8770, 45.9550 looks on a white background.

Color Contrast Check

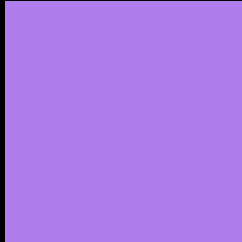
Large Text (above 18pt) WCAG AA × Fail

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 153.1310, -5.8770, 45.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

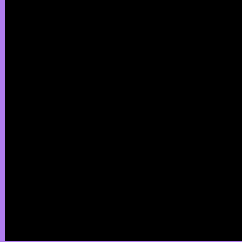
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.1310, -5.8770, 45.9550

Background



This preview shows how black text looks on a background with the YIQ color 153.1310, -5.8770, 45.9550.



This preview shows how white text looks on a background with the YIQ color 153.1310, -5.8770,

45.9550.

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

153.1310, -5.8770, 45.9550

Protanopia

145.2700, -61.2130, 24.5710

Deuteranopia

145.4200, -53.1880, 16.7960



Tritanopia

150.4510, 6.2800, 7.3360

Trichromacy



Original Color

153.1310, -5.8770, 45.9550



Protanomaly

147.9630, -40.9950, 32.6130



Deuteranomaly

148.1390, -35.8590, 27.6370



Tritanomaly

151.2570, 1.5550, 21.3870

Monochromacy



Original Color

153.1310, -5.8770, 45.9550



Achromatopsia

153.0000, 0.0000, -0.0000



Achromatomaly

153.0560, -2.4330, 16.5670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.1310, -5.8770, 45.9550 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(176, 125, 238)` looks like.

```
.text, #text, p{  
    color:rgb(176, 125, 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(176, 125, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 125, 238) }
```

Border

The CSS property to change the border of an element to YIQ 153.1310, -5.8770, 45.9550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

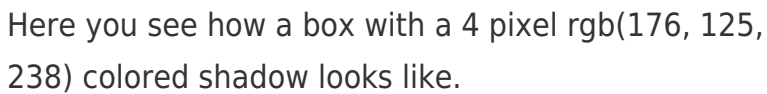
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 125, 238) }
```


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

```
.border{ border-color:rgb(176, 125, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 125, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 125, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 125, 238); box-shadow:4px 4px 4px 4px rgb(176, 125, 238) }
```

Background

The CSS property to change the background color of an element to YIQ 153.1310, -5.8770, 45.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 125, 238) }
```

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

```
.background{ background-color: rgb(176,  
125, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor