

Converting Colors

YIQ(123.3230, 2.3300, 45.8980)

Have a look what the booklet for
YIQ(123.3230, 2.3300, 45.8980)
contains.

YIQ(123.3230, 2.3300, 45.8980)	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(123.3230, 2.3300,
45.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5DC7
RGB	154, 93, 199
RGB Percent	60%, 36%, 78%
CMY	0.3959, 0.6354, 0.2197
CMYK	0.23, 0.53, 0.00, 0.22
HSL	275°, 49%, 57%
HSV	275°, 53%, 78%
XYZ	27.5554, 18.8222, 56.2022
YIQ	123.3230, 2.3300, 45.8980

Conversions

Conversions Part 2

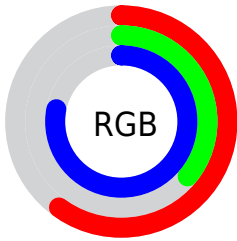
Format	Color
R_{YB}	154, 93, 199
Decimal	10116551
CIE _{Lab}	50.48, 44.38, -45.82
CIE _{LCh}	50, 63.784, 314.087
Yxy	18.8222, 0.2686, 0.1835
Android (android.graphics.Color)	4288306631 (0xFF9A5DC7)
YUV	123.3230, 37.3088, 26.9037
Hunter-Lab	43.3846, 37.4502, -46.4376

Details

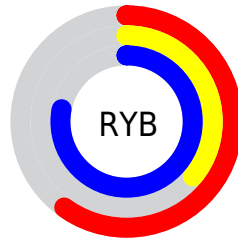
The YIQ color **123.3230, 2.3300, 45.8980** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **168.6770, -2.3300, -45.8980**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.2740, 4.0260, 48.2020**, and **71.5570, 1.5510, 43.4950** is the 20% darker color. If you saturate the color by 10%, you get **109.1910, 3.0620, 54.6620**, and if you desaturate by 10%, it is **137.4550, 1.5980, 37.1340**.

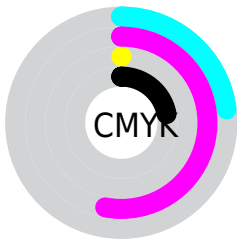
Distribution



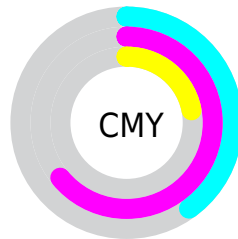
- Red (60%)
- Green (36%)
- Blue (78%)



- Red (60%)
- Yellow (36%)
- Blue (78%)



- Cyan (23%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.3230, 2.3300, 45.8980 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 123.3230, 2.3300, 45.8980 by changing the saturation by 10% instead.

123.3230, 2.3300,
45.8980

123.3230, 2.3300,
45.8980

255.0000, -0.0000,
-0.0000

97.3830, 2.1010,
44.5410

177.2740, 4.0260,
48.2020

71.5570, 1.5510,
43.4950

201.7940, 13.8850,
40.2290

44.6710, 1.2300,
43.8060

222.7150, 15.1250,
28.7650

24.6550, -1.8410,
38.8870

239.7380, 7.1500,
13.5980

15.0420, -7.8450,
26.5470

5.7170, -14.7200,
13.4720

3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 123.3230, 2.3300,
45.8980

■ 123.3230, 2.3300,
45.8980

■ 109.1910, 3.0620,
54.6620

■ 137.4550, 1.5980,
37.1340

■ 94.7600, 3.1980,
63.2140

■ 151.8860, 1.4620,
28.5820

■ 80.6280, 3.9300,
71.9780

■ 166.0180, 0.7300,
19.8180

■ 66.1970, 4.0660,
80.5300

■ 180.4490, 0.5940,
11.2660

■ 57.0710, 4.6610,
86.2690

■ 193.9940, 0.1370,
3.0250

■ 208.4250, 0.0010,
-5.5270

■ 222.5570, -0.7310,
-14.2910

■ 236.9880, -0.8670,
-22.8430

■ 241.1410, 3.0760,
-22.7160

Harmonies

Analogous

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



105.4950, -84.1360, 15.9920



123.3230, 2.3300, 45.8980



116.9410, 53.4960, 54.7440

Triad

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



123.3230, 2.3300, 45.8980



113.0410, 70.7030, -20.3450



101.6450, -86.4200, -30.7400

Complementary

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



123.3230, 2.3300, 45.8980



168.6770, -2.3300, -45.8980

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.



93.9730, -67.5730, -47.4210



123.3230, 2.3300, 45.8980



110.1410, 37.4660, -40.2460

Square

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



123.3230, 2.3300, 45.8980



113.7760, 83.0760, 14.2440



100.5120, -15.1670, -50.0390



106.1710, -101.9200, -14.1440

Rectangle

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



123.3230, 2.3300, 45.8980



112.0280, 75.0000, 50.4880



100.5120, -15.1670, -50.0390



98.8920, -80.0460, -36.1260

Sweetspot

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



123.3230, 2.3300, 45.8980



225.8500, 1.1430, 17.8390



132.0860, -46.6760, 8.9080



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.



123.3230, 2.3300, 45.8980



138.6880, 3.7010, 70.6210



135.9800, 31.3970, 53.2610



92.5210, 0.0910, 3.8590



46.6880, 3.7010, 70.6210



10.3830, 0.9600, 15.6480

Inverse Universe

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



129.8240, 48.7310, 36.4670



148.6030, 74.9990, 56.0150



156.0200, -31.3970, -53.2610



93.1470, 4.0800, 3.1520



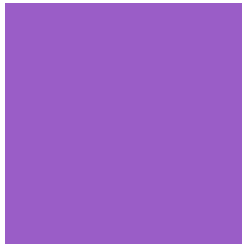
56.6030, 74.9990, 56.0150



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 123.3230, 2.3300, 45.8980 looks on a white background.

Color Contrast Check

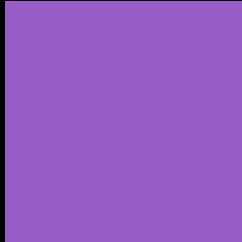
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.3230, 2.3300, 45.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

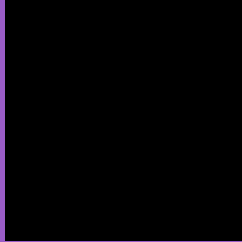
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.3230, 2.3300, 45.8980

Background



This preview shows how black text looks on a background with the YIQ color 123.3230, 2.3300, 45.8980.



This preview shows how white text looks on a background with the YIQ color 123.3230, 2.3300,

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

123.3230, 2.3300, 45.8980

Protanopia

114.0200, -63.5050, 22.0550

Deuteranopia

116.3510, -48.7400, 13.2760



Tritanopia

122.2840, 14.1200, 8.4240

Trichromacy



Original Color

123.3230, 2.3300, 45.8980

Protanomaly

117.3930, -39.3900, 31.0580

Deuteranomaly

119.0810, -29.9440, 25.0640

Tritanomaly

122.8620, 10.0370, 21.8530

Monochromacy



Original Color

123.3230, 2.3300, 45.8980

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0240, 0.5930, 16.7930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3230, 2.3300, 45.8980 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(154, 93, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 93, 199)  
}
```

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(154, 93, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 93, 199) }
```

Border

The CSS property to change the border of an element to YIQ 123.3230, 2.3300, 45.8980 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(154, 93, 199) }
```


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

```
.border{ border-color:rgb(154, 93, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 93, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 93, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 93, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 93,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3230, 2.3300, 45.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 93, 199) }
```

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

```
.background{ background-color: rgb(154, 93,  
199) }
```

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