

Converting Colors

YIQ(138.3350, 2.0560, 39.8480)

Have a look what the booklet for
YIQ(138.3350, 2.0560, 39.8480)
contains.

YIQ(138.3350, 2.0560, 39.8480)	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(138.3350, 2.0560,
39.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	A570CC
RGB	165, 112, 204
RGB Percent	65%, 44%, 80%
CMY	0.3527, 0.5609, 0.2001
CMYK	0.19, 0.45, 0.00, 0.20
HSL	275°, 47%, 62%
HSV	275°, 45%, 80%
XYZ	32.2157, 23.9467, 60.0408
YIQ	138.3350, 2.0560, 39.8480

Conversions

Conversions Part 2

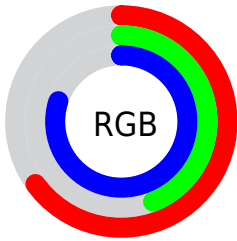
Format	Color
R _Y B	165, 112, 204
Decimal	10842316
CIE Lab	56.03, 38.12, -39.81
CIE LCh	56, 55.118, 313.760
Yxy	23.9467, 0.2772, 0.2061
Android (android.graphics.Color)	4289032396 (0xFFA570CC)
YUV	138.3350, 32.3728, 23.3852
Hunter-Lab	48.9354, 31.8753, -38.4906

Details

The YIQ color **138.3350, 2.0560, 39.8480** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **177.6650, -2.0560, -39.8480**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.3030, 5.0820, 40.0740**, and **86.5690, 1.2770, 37.4450** is the 20% darker color. If you saturate the color by 10%, you get **123.9040, 2.1920, 48.4000**, and if you desaturate by 10%, it is **152.7660, 1.9200, 31.2960**.

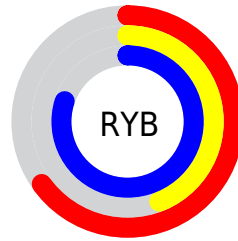
Distribution



Red (65%)

Green (44%)

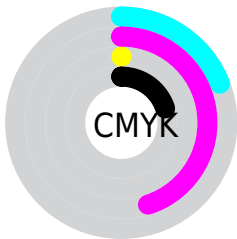
Blue (80%)



Red (65%)

Yellow (44%)

Blue (80%)

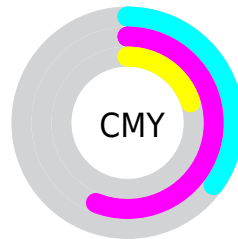


Cyan (19%)

Magenta (45%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.3350, 2.0560, 39.8480 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 138.3350, 2.0560, 39.8480 by changing the saturation by 10% instead.

138.3350, 2.0560,
39.8480

138.3350, 2.0560,
39.8480

255.0000, -0.0000,
-0.0000

112.3950, 1.8270,
38.4910

192.3030, 5.0820,
40.0740

86.5690, 1.2770,
37.4450

216.8230, 14.9410,
32.1010

61.7430, 0.7270,
36.3990

234.4550, 9.6250,
18.3050

36.4440, 0.1310,
36.1870

251.4780, 1.6500,
3.1380

18.4880, -3.1690,
29.9110

7.1950, -13.0700,
16.6100

4.3660, -9.5380,

7.6620

■ 0.0000, 0.0000,
0.0000

■ 138.3350, 2.0560,
39.8480

■ 138.3350, 2.0560,
39.8480

■ 123.9040, 2.1920,
48.4000

■ 152.7660, 1.9200,
31.2960

■ 109.1850, 3.1990,
57.6870

■ 167.4850, 0.9130,
22.0090

■ 94.7540, 3.3350,
66.2390

■ 181.9160, 0.7770,
13.4570

■ 80.0350, 4.3420,
75.5260

■ 196.9340, 0.3660,
4.3820

■ 65.6040, 4.4780,
84.0780

■ 211.0660, -0.3660,
-4.3820

■ 58.5380, 4.8440,
88.4600

■ 225.4970, -0.5020,
-12.9340

■ 240.2160, -1.5090,
-22.2210

■ 242.9070, 3.8550,
-20.3130

■ 245.5980, 9.2190,
-18.4050

Harmonies

Analogous

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



128.2930, -60.0200, 19.4680



138.3350, 2.0560, 39.8480



135.8380, 46.1160, 45.3160

Triad

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



138.3350, 2.0560, 39.8480



129.8370, 62.7700, -14.2380



109.9430, -93.2510, -33.5950

Complementary

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



138.3350, 2.0560, 39.8480



177.6650, -2.0560, -39.8480

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.



103.6560, -76.9260, -48.6220



138.3350, 2.0560, 39.8480



126.2750, 34.3930, -34.1110

Square

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



138.3350, 2.0560, 39.8480



131.2310, 74.3650, 12.4210



120.1200, -10.7670, -41.6710



113.7850, -106.8250, -18.8650

Rectangle

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



138.3350, 2.0560, 39.8480



132.8430, 64.9150, 40.5230



120.1200, -10.7670, -41.6710



108.0050, -87.7940, -38.8820

Sweetspot

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



138.3350, 2.0560, 39.8480



229.3830, 0.9600, 15.6480



145.9680, -40.5320, 7.6920



112.0960, 0.0900, 9.3860



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.



138.3350, 2.0560, 39.8480



156.6520, 3.3820, 59.8780



149.3120, 27.2260, 46.2500



94.9340, 0.3660, 4.3820



47.6280, 3.9300, 71.9780



10.9100, 0.9140, 16.4820

Inverse Universe

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



143.9540, 42.3130, 31.6330



164.9880, 63.3090, 47.6050



166.6880, -27.2260, -46.2500



95.4460, 4.6760, 3.3640



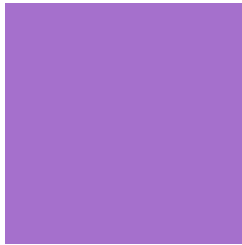
57.6140, 76.4660, 56.9620



13.1860, 17.5120, 13.0320

Previews

White Background



This preview shows how the YIQ color 138.3350, 2.0560, 39.8480 looks on a white background.

Color Contrast Check

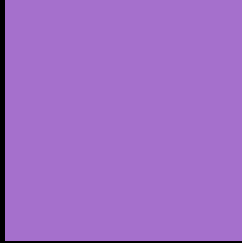
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.3350, 2.0560, 39.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

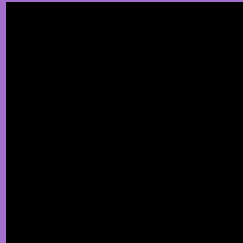
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.3350, 2.0560, 39.8480

Background



This preview shows how black text looks on a background with the YIQ color 138.3350, 2.0560, 39.8480.



This preview shows how white text looks on a background with the YIQ color 138.3350, 2.0560,

39.8480.

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

138.3350, 2.0560, 39.8480

Protanopia

131.9800, -48.8330, 20.4710

Deuteranopia

133.1520, -37.8740, 14.5900



Tritanopia

136.2130, 12.8820, 8.8340

Trichromacy



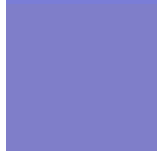
Original Color

138.3350, 2.0560, 39.8480



Protanomaly

134.3630, -30.6780, 27.3540



Deuteranomaly

134.8490, -23.4790, 23.5370



Tritanomaly

137.2100, 8.9370, 19.7610

Monochromacy



Original Color

138.3350, 2.0560, 39.8480



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

138.4430, 0.7310, 14.2910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.3350, 2.0560, 39.8480 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(165, 112, 204)` looks like.

```
.text, #text, p{  
    color:rgb(165, 112, 204)  
}
```

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(165, 112, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 112, 204) }
```

Border

The CSS property to change the border of an element to YIQ 138.3350, 2.0560, 39.8480 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(165, 112, 204) }
```


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

```
.border{ border-color:rgb(165, 112, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 112, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 112, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 112, 204);  
box-shadow:4px 4px 4px 4px rgb(165, 112,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 138.3350, 2.0560, 39.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 112, 204) }
```

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

```
.background{ background-color: rgb(165,  
112, 204) }
```

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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