

Converting Colors

YIQ(138.2280, 45.1980, 50.9420)

Have a look what the booklet for
YIQ(138.2280, 45.1980, 50.9420)
contains.

YIQ(138.2280, 45.1980, 50.9420)	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(138.2280, 45.1980,
50.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	D55DAF
RGB	213, 93, 175
RGB Percent	84%, 36%, 69%
CMY	0.1644, 0.6355, 0.3136
CMYK	0.00, 0.56, 0.18, 0.16
HSL	319°, 59%, 60%
HSV	319°, 56%, 84%
XYZ	39.1162, 25.0752, 43.3510
YIQ	138.2280, 45.1980, 50.9420

Conversions

Conversions Part 2

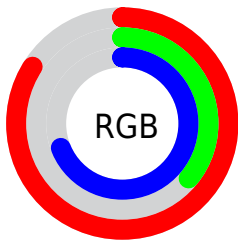
Format	Color
R_{YB}	213, 93, 175
Decimal	13983151
CIE _{Lab}	57.15, 56.62, -21.01
CIE _{LCh}	57, 60.393, 339.637
Yxy	25.0752, 0.3637, 0.2332
Android (android.graphics.Color)	4292173231 (0xFFD55DAF)
YUV	138.2280, 18.1286, 65.5750
Hunter-Lab	50.0751, 51.8039, -16.2759

Details

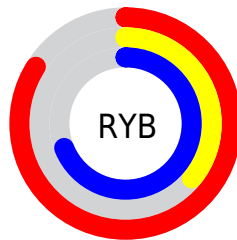
The YIQ color **138.2280, 45.1980, 50.9420** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **167.7720, -45.1980, -50.9420**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.4550, 37.1290, 48.4970**, and **80.7980, 43.5930, 52.4970** is the 20% darker color. If you saturate the color by 10%, you get **125.1030, 53.2200, 59.7480**, and if you desaturate by 10%, it is **151.3530, 37.1760, 42.1360**.

Distribution



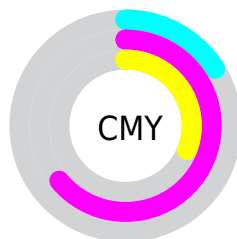
- Red (84%)
- Green (36%)
- Blue (69%)



- Red (84%)
- Yellow (36%)
- Blue (69%)



- Cyan (0%)
- Magenta (56%)
- Yellow (18%)
- Black (16%)





- Cyan (16%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.2280, 45.1980, 50.9420 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 138.2280, 45.1980, 50.9420 by changing the saturation by 10% instead.


 138.2280, 45.1980,
50.9420


 138.2280, 45.1980,
50.9420


255.0000, -0.0000,
-0.0000

 110.0430, 44.2810,
51.0410


 189.4550, 37.1290,
48.4970

 80.7980, 43.5930,
52.4970


 208.6270, 21.7250,
41.3170


 49.0310, 44.5550,
57.0910

 225.6500, 13.7500,
26.1500

 38.2220, 36.1670,
43.9030

 242.6730, 5.7750,
10.9830

 27.6410, 27.1370,
31.3370

 17.9570, 19.8950,
19.4070

 0.8970, 1.7880,

0.6360

■ 0.0000, 0.0000,
0.0000

■ 138.2280, 45.1980,
50.9420

■ 138.2280, 45.1980,
50.9420

■ 125.1030, 53.2200,
59.7480

■ 151.3530, 37.1760,
42.1360

■ 111.5050, 61.1960,
69.3880

■ 165.0650, 28.8790,
32.8070

■ 98.3800, 69.2180,
78.1940

■ 178.0760, 21.1780,
23.6900

■ 85.2550, 77.2400,
87.0000

■ 191.2010, 13.1560,
14.8840

■ 80.3310, 80.0820,
90.5620

■ 204.3260, 5.1340,
6.0780

■ 218.0380, -3.1630,
-3.2510

■ 231.0490,
-10.8640, -12.3680

■ 239.4780,
-16.6860, -16.9900

■ 240.2760,
-18.9330, -14.8130

Harmonies

Analogous

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



141.1970, -6.2430, 41.5730



138.2280, 45.1980, 50.9420



133.1710, 75.7350, 42.6710

Triad

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



138.2280, 45.1980, 50.9420



127.6860, 46.1770, -38.4230



117.0620, -109.1630, -20.5470

Complementary

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



138.2280, 45.1980, 50.9420



167.7720, -45.1980, -50.9420

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.



112.5360, -93.6630, -37.1430



138.2280, 45.1980, 50.9420



122.3070, -4.1640, -45.7000

Square

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



138.2280, 45.1980, 50.9420



131.8550, 71.5270, -13.2490



105.0920, -75.4580, -53.2020



116.7150, -117.8310, -6.6230

Rectangle

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



138.2280, 45.1980, 50.9420



133.0940, 82.6610, 27.2770



105.0920, -75.4580, -53.2020



115.9390, -104.6230, -25.7350

Sweetspot

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



138.2280, 45.1980, 50.9420



228.1630, 16.3190, 18.1350



118.0420, -15.8720, 45.3760



111.7120, 10.0390, 10.7990



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.



138.2280, 45.1980, 50.9420



147.1790, 65.2300, 73.3740



131.3880, 64.4580, 32.2820



100.2010, 3.9880, 4.8200



64.4670, 64.3590, 72.6390



16.2770, 15.9980, 18.4460

Inverse Universe

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



138.2280, 45.1980, 50.9420



147.1790, 65.2300, 73.3740



174.6120, -64.4580, -32.2820



100.2010, 3.9880, 4.8200



64.4670, 64.3590, 72.6390



16.2770, 15.9980, 18.4460

Previews

White Background



This preview shows how the YIQ color 138.2280, 45.1980, 50.9420 looks on a white background.

Color Contrast Check

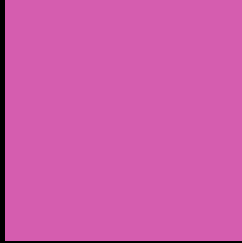
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.2280, 45.1980, 50.9420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

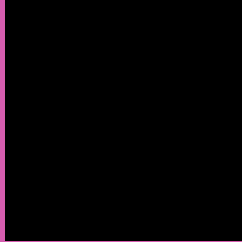
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.2280, 45.1980, 50.9420

Background



This preview shows how black text looks on a background with the YIQ color 138.2280, 45.1980, 50.9420.



This preview shows how white text looks on a background with the YIQ color 138.2280, 45.1980,

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

138.2280, 45.1980, 50.9420

Protanopia

136.6300, -36.2240, 17.7280

Deuteranopia

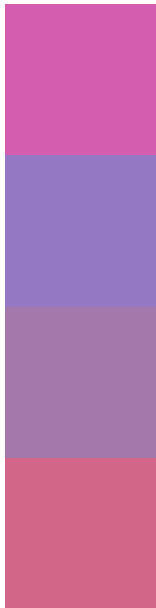
139.0610, -9.9970, 10.4750



Tritanopia

137.8120, 57.0320, 23.6880

Trichromacy



Original Color

138.2280, 45.1980, 50.9420

Protanomaly

137.2210, -6.7910, 29.4730

Deuteranomaly

138.9700, 9.8530, 25.1890

Tritanomaly

137.9830, 52.5370, 33.5690

Monochromacy



Original Color

138.2280, 45.1980, 50.9420

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.1630, 16.3190, 18.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.2280, 45.1980, 50.9420 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(213, 93, 175)` looks like.

```
.text, #text, p{  
    color:rgb(213, 93, 175)  
}
```

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(213, 93, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 93, 175) }
```

Border

The CSS property to change the border of an element to YIQ 138.2280, 45.1980, 50.9420 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(213, 93, 175) }
```


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

```
.border{ border-color:rgb(213, 93, 175) }
```

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

Here you see how a box with a 4 pixel rgb(213, 93, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 93, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 93, 175);  
box-shadow:4px 4px 4px 4px rgb(213, 93,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 138.2280, 45.1980, 50.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 93, 175) }
```

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

```
.background{ background-color: rgb(213, 93,  
175) }
```

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