

Converting Colors

XYZ(46.2255, 39.2276, 62.8937)

Have a look what the booklet for
XYZ(46.2255, 39.2276, 62.8937)
contains.

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Color

**XYZ(46.3351, 39.2818,
62.8976)**

Conversions

Conversions Part 1

Format	Color
Hex	C998CD
RGB	201, 152, 205
RGB Percent	79%, 60%, 80%
CMY	0.2118, 0.4039, 0.1961
CMYK	0.02, 0.26, 0.00, 0.20
HSL	295°, 35%, 70%
HSV	295°, 26%, 80%
XYZ	46.3351, 39.2818, 62.8976
YIQ	172.6930, 12.1910, 26.8710

Conversions

Conversions Part 2

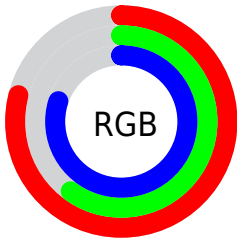
Format	Color
R_{YB}	201, 152, 205
Decimal	13211853
CIE _{Lab}	68.95, 27.33, -20.09
CIE _{LCh}	69, 33.921, 323.677
Yxy	39.2818, 0.3120, 0.2645
Android (android.graphics.Color)	4291401933 (0xFFC998CD)
YUV	172.6930, 15.9274, 24.8252
Hunter-Lab	62.6752, 22.2815, -15.6278

Details

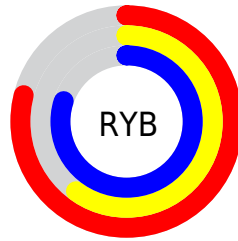
The XYZ color **46.3351, 39.2818, 62.8976** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.2105, 52.9985, 37.7655**, and the grayscale version is **39.4825, 41.5387, 45.2356**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **21.9971, 17.4597, 31.4888** is the 20% darker color. If you saturate the color by 10%, you get **42.8777, 32.9807, 61.8642**, and if you desaturate by 10%, it is **50.3741, 46.7386, 64.1246**.

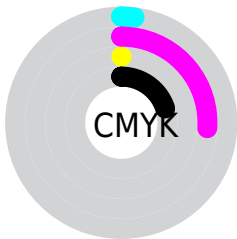
Distribution



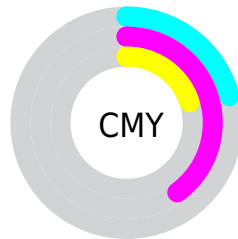
- Red (79%)
- Green (60%)
- Blue (80%)



- Red (79%)
- Yellow (60%)
- Blue (80%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)





- Cyan (21%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3351, 39.2818, 62.8976 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 XYZ color 46.3351, 39.2818, 62.8976 by changing the saturation by 10% instead.


 46.3351, 39.2818,
62.8976

 46.3351, 39.2818,
62.8976


362.8476,
343.0871, 453.2955

 32.7161, 26.9790,
45.3179


 83.9451, 74.0686,
110.6059

 22.0672, 17.5575,
31.3631


 108.6667, 97.3214,
141.5716

 14.0232, 10.6327,
20.6147


137.8200,
124.9931, 177.8364

 8.2186, 5.8205,
12.6542

171.7702,
157.4679, 219.8188

 4.2881, 2.7362,
7.0629

210.8827,
195.1303, 267.9374

 1.8664, 0.9956,
3.4224

255.5229,

 0.5572, 0.0000,

238.3647, 322.6107

1.3142

306.0561,
287.5555, 384.2572

■ 0.0000, 0.0000,
0.0734

■ 0.0000, 0.0000,
0.0000

■ 46.3351, 39.2818,
62.8976

■ 46.3351, 39.2818,
62.8976

■ 42.8777, 32.9807,
61.8642

■ 50.3741, 46.7386,
64.1246

■ 39.9688, 27.7709,
61.0119

■ 55.0186, 55.4008,
65.5518

■ 37.5772, 23.5897,
60.3309

■ 60.2955, 65.3214,
67.1885

■ 35.6674, 20.3659,
59.8093

■ 66.2289, 76.5490,
69.0430

■ 34.1993, 18.0193,
59.4337

■ 72.8419, 89.1294,
71.1227

■ 33.1262, 16.4566,
59.1887

■ 73.4388, 89.6712,
71.1958

■ 32.3901, 15.5617,
59.0547

■ 73.8822, 89.8997,
71.2165

■ 32.1376, 15.2946,
59.0165

■ 74.3299, 90.1305,
71.2375

■ 74.7819, 90.3635,
71.2586

Harmonies

Analogous

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



41.6597, 39.2818, 76.1648



46.3351, 39.2818, 62.8976



48.6273, 39.2818, 46.1282

Triad

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



46.3351, 39.2818, 62.8976



38.4907, 39.2818, 19.5133



28.6172, 39.2818, 55.8481

Complementary

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



46.3351, 39.2818, 62.8976



41.2105, 52.9985, 37.7655

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.



27.9440, 39.2818, 39.5811



46.3351, 39.2818, 62.8976



33.3227, 39.2818, 20.9211

Square

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



46.3351, 39.2818, 62.8976



43.8255, 39.2818, 23.0193



29.5850, 39.2818, 27.4738



31.5213, 39.2818, 71.4570

Rectangle

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



46.3351, 39.2818, 62.8976



48.3522, 39.2818, 36.1230



29.5850, 39.2818, 27.4738



28.1349, 39.2818, 50.1888

Sweetspot

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



46.3363, 39.2835, 62.8984



88.3198, 87.3770, 106.8182



35.9285, 35.0021, 62.6206



18.6494, 18.2265, 22.7851



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.3363, 39.2835, 62.8984



72.6447, 58.3971, 102.0507



44.9449, 38.8528, 49.8861



11.6008, 11.3590, 14.1515



20.0425, 9.5398, 36.7413



1.0594, 0.5053, 1.8966

Inverse Universe

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



42.4072, 37.8377, 36.5226



65.1903, 55.6650, 51.5187



42.4297, 53.3983, 48.1592



11.2461, 11.2272, 11.8306



15.7430, 8.1078, 1.0996



0.8244, 0.4232, 0.1211

Previews

White Background



This preview shows how the XYZ color 46.3351, 39.2818, 62.8976 looks on a white background.

Color Contrast Check

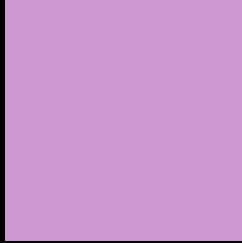
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 46.3351, 39.2818, 62.8976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

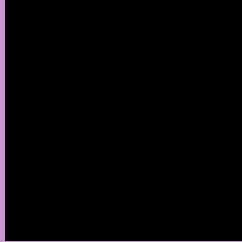
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3351, 39.2818, 62.8976

Background



This preview shows how black text looks on a background with the XYZ color 46.3351, 39.2818, 62.8976.



This preview shows how white text looks on a background with the XYZ color 46.3351, 39.2818,

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

46.3351, 39.2818, 62.8976

Protanopia

39.7948, 39.6116, 69.8384

Deuteranopia

40.3831, 39.5469, 62.0048



Tritanopia

42.3425, 39.1298, 43.8492

Trichromacy



Original Color

46.3351, 39.2818, 62.8976

Protanomaly

41.6915, 39.3145, 67.0191

Deuteranomaly

42.2923, 39.2045, 62.4649

Tritanomaly

43.7244, 39.2016, 50.0619

Monochromacy



Original Color

46.3351, 39.2818, 62.8976

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.7405, 40.4803, 51.5125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3351, 39.2818, 62.8976 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(201, 152, 205)` looks like.

```
.text, #text, p{  
    color:rgb(201, 152, 205)  
}
```

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(201, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 152, 205) }
```

Border

The CSS property to change the border of an element to XYZ 46.3351, 39.2818, 62.8976 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(201, 152, 205) }
```


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

```
.border{ border-color:rgb(201, 152, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 152, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(201, 152,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3351, 39.2818, 62.8976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 152, 205) }
```

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

```
.background{ background-color: rgb(201,  
152, 205) }
```

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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