

Converting Colors

XYZ(41.6391, 39.1277, 52.8204)

Have a look what the booklet for
XYZ(41.6391, 39.1277, 52.8204)
contains.

XYZ(41.6555, 39.0867, 52.9260)	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

**XYZ(41.6555, 39.0867,
52.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A0BC
RGB	185, 160, 188
RGB Percent	73%, 63%, 74%
CMY	0.2745, 0.3725, 0.2627
CMYK	0.02, 0.15, 0.00, 0.26
HSL	294°, 17%, 68%
HSV	294°, 15%, 74%
XYZ	41.6555, 39.0867, 52.9260
YIQ	170.6670, 5.9120, 14.0080

Conversions

Conversions Part 2

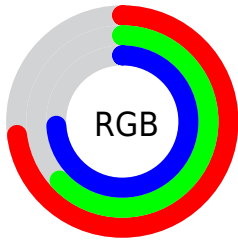
Format	Color
R _Y B	185, 160, 188
Decimal	12165308
CIE Lab	68.81, 14.22, -11.02
CIE LCh	69, 17.989, 322.213
Yxy	39.0867, 0.3116, 0.2924
Android (android.graphics.Color)	4290355388 (0xFFB9A0BC)
YUV	170.6670, 8.5452, 12.5700
Hunter-Lab	62.5194, 9.5224, -6.4286

Details

The XYZ color **41.6555, 39.0867, 52.9260** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.4340, 46.2920, 40.1165**, and the grayscale version is **38.4991, 40.5041, 44.1089**.

A 20% lighter version of the original color is **76.9052, 73.8333, 95.7859**, and **19.2515, 17.3799, 25.2617** is the 20% darker color. If you saturate the color by 10%, you get **38.1576, 32.8066, 51.8988**, and if you desaturate by 10%, it is **45.6555, 46.3594, 54.1195**.

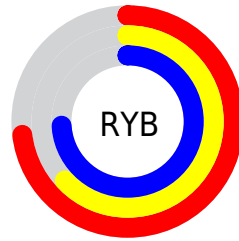
Distribution



Red (73%)

Green (63%)

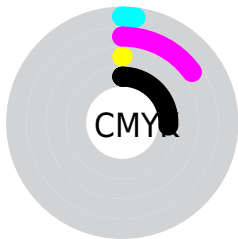
Blue (74%)



Red (73%)

Yellow (63%)

Blue (74%)

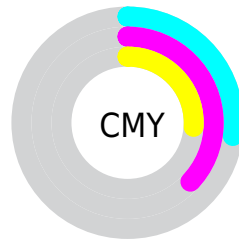


Cyan (2%)

Magenta (15%)

Yellow (0%)

Black (26%)



Cyan (27%)


Magenta (37%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6555, 39.0867, 52.9260 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 41.6555, 39.0867, 52.9260 by changing the saturation by 10% instead.


 41.6555, 39.0867,
52.9260


 41.6555, 39.0867,
52.9260


344.0688,
342.2590, 415.0594

 29.0216, 26.8272,
37.3564


 76.9464, 73.7707,
95.9359

 19.2415, 17.4435,
25.1856


 100.3341, 96.9641,
124.2133

 11.9499, 10.5512,
15.9951


128.0371,
124.5708, 157.5637

 6.7816, 5.7659,
9.3664

160.4207,
156.9753, 196.4056

 3.3710, 2.7033,
4.8809

197.8503,
194.5619, 241.1576

 1.3528, 0.9789,
2.1200

240.6913,

 0.2223, 0.0000,

237.7152, 292.2382

0.6276

289.3091,
286.8194, 350.0659

■ 0.0000, 0.0000,
0.0000

■ 41.6555, 39.0867,
52.9260

■ 41.6555, 39.0867,
52.9260

■ 38.1576, 32.8066,
51.8988

■ 45.6555, 46.3594,
54.1195

■ 35.1361, 27.4698,
51.0279

■ 50.1747, 54.6611,
55.4837

■ 32.5686, 23.0307,
50.3064

■ 55.2338, 64.0322,
57.0259

■ 30.4291, 19.4376,
49.7256

■ 60.8514, 74.5099,
58.7522

■ 28.6891, 16.6336,
49.2761

■ 67.0450, 86.1293,
60.6685

■ 27.3168, 14.5548,
48.9472

■ 67.8860, 87.0330,
60.7987

■ 26.2752, 13.1275,
48.7266

■ 68.4173, 87.3069,
60.8235

■ 25.5194, 12.2619,
48.5993

■ 68.9557, 87.5844,
60.8487

■ 25.1955, 11.9402,
48.5543

■ 69.5013, 87.8657,
60.8742

Harmonies

Analogous

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



39.2628, 39.0867, 58.8181



41.6555, 39.0867, 52.9260



42.8535, 39.0867, 44.7226

Triad

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



41.6555, 39.0867, 52.9260



37.8988, 39.0867, 28.8171



32.3014, 39.0867, 48.7768

Complementary

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



41.6555, 39.0867, 52.9260



39.4340, 46.2920, 40.1165

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.



31.9778, 39.0867, 40.4659



41.6555, 39.0867, 52.9260



35.1158, 39.0867, 29.6114

Square

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



41.6555, 39.0867, 52.9260



40.6134, 39.0867, 31.3140



32.9830, 39.0867, 33.6423



33.8907, 39.0867, 56.2169

Rectangle

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



41.6555, 39.0867, 52.9260



42.7726, 39.0867, 39.3220



32.9830, 39.0867, 33.6423



32.0444, 39.0867, 45.9685

Sweetspot

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



41.6567, 39.0884, 52.9268



83.3834, 85.1902, 98.2748



36.7205, 37.3954, 52.8602



17.8053, 18.0894, 21.0957



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.6567, 39.0884, 52.9268



73.2380, 66.7697, 95.2540



41.2735, 39.0196, 47.0918



9.8265, 9.6430, 12.0156



17.1920, 8.1489, 33.0597



0.7026, 0.3343, 1.2963

Inverse Universe

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



39.9220, 38.4790, 39.9752



69.4863, 65.4567, 67.0194



39.8070, 46.3711, 45.2489



9.5706, 9.5525, 10.1279



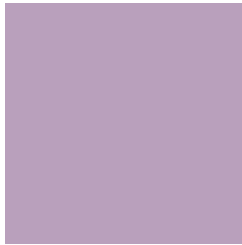
14.2209, 7.3195, 1.1911



0.5711, 0.2923, 0.1205

Previews

White Background



This preview shows how the XYZ color 41.6555, 39.0867, 52.9260 looks on a white background.

Color Contrast Check

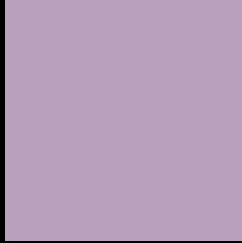
Large Text (above 18pt) WCAG AA × Fail

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 41.6555, 39.0867, 52.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

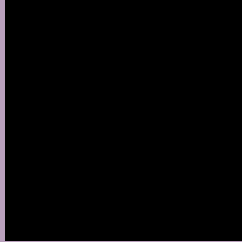
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6555, 39.0867, 52.9260

Background



This preview shows how black text looks on a background with the XYZ color 41.6555, 39.0867, 52.9260.



This preview shows how white text looks on a background with the XYZ color 41.6555, 39.0867,

52.9260.

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

41.6555, 39.0867, 52.9260

Protanopia

38.6430, 39.3357, 55.4250

Deuteranopia

39.9243, 39.2527, 52.4860



Tritanopia

40.1866, 39.0031, 45.9677

Trichromacy



Original Color

41.6555, 39.0867, 52.9260

Protanomaly

39.6927, 39.0832, 54.7420

Deuteranomaly

40.6572, 39.3659, 52.4692

Tritanomaly

40.7503, 38.9754, 48.5552

Monochromacy



Original Color

41.6555, 39.0867, 52.9260

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.6590, 40.0419, 47.2336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6555, 39.0867, 52.9260 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(185, 160, 188)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 188)  
}
```

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(185, 160, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 188) }
```

Border

The CSS property to change the border of an element to XYZ 41.6555, 39.0867, 52.9260 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(185, 160, 188) }
```


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

```
.border{ border-color:rgb(185, 160, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 160, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 160, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 160, 188);  
box-shadow:4px 4px 4px 4px rgb(185, 160,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6555, 39.0867, 52.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 188) }
```

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

```
.background{ background-color: rgb(185,  
160, 188) }
```

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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