

Converting Colors

XYZ(44.3551, 40.7494, 58.5709)

Have a look what the booklet for
XYZ(44.3551, 40.7494, 58.5709)
contains.

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Color

**XYZ(44.4842, 40.9482,
58.3826)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA2C5
RGB	191, 162, 197
RGB Percent	75%, 64%, 77%
CMY	0.2510, 0.3647, 0.2274
CMYK	0.03, 0.18, 0.00, 0.23
HSL	290°, 23%, 70%
HSV	290°, 18%, 77%
XYZ	44.4842, 40.9482, 58.3826
YIQ	174.6610, 6.0490, 17.0330

Conversions

Conversions Part 2

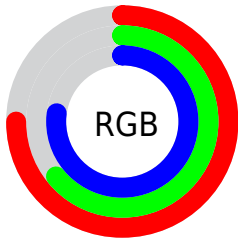
Format	Color
R_{YB}	191, 162, 197
Decimal	12559045
CIE Lab	70.14, 16.91, -13.97
CIE LCh	70, 21.932, 320.451
Yxy	40.9482, 0.3093, 0.2847
Android (android.graphics.Color)	4290749125 (0xFFBFA2C5)
YUV	174.6610, 11.0131, 14.3293
Hunter-Lab	63.9908, 12.1032, -9.3003

Details

The XYZ color **44.4842, 40.9482, 58.3826** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.6378, 50.8671, 41.7555**, and the grayscale version is **40.5162, 42.6262, 46.4199**.

A 20% lighter version of the original color is **81.4136, 76.7379, 104.2869**, and **20.8504, 18.4534, 28.4495** is the 20% darker color. If you saturate the color by 10%, you get **40.4430, 34.1116, 57.2766**, and if you desaturate by 10%, it is **49.0911, 48.8857, 59.6725**.

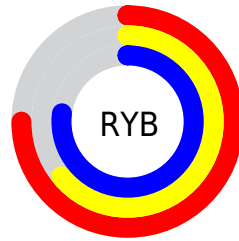
Distribution



Red (75%)

Green (64%)

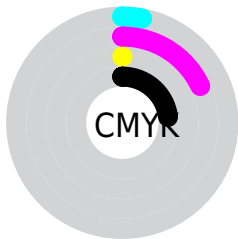
Blue (77%)



Red (75%)

Yellow (64%)

Blue (77%)

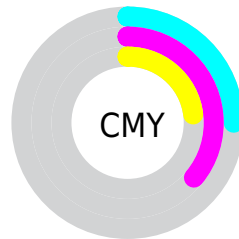


Cyan (3%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (25%)


Magenta (36%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4842, 40.9482, 58.3826 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 44.4842, 40.9482, 58.3826 by changing the saturation by 10% instead.


 44.4842, 40.9482,
58.3826


 44.4842, 40.9482,
58.3826


355.4995,
350.1041, 436.2481

 31.2509, 28.2786,
41.6996

 81.1877, 76.6053,
104.0001

 20.9427, 18.5358,
28.5423


 105.3886,
100.3615, 133.7716

 13.1944, 11.3353,
18.4923

133.9761,
128.5821, 168.7431

 7.6404, 6.2929,
11.1309

167.3155,
161.6514, 209.3330

 3.9156, 3.0240,
6.0397

205.7721,
199.9539, 255.9599

 1.6545, 1.1443,
2.8000

249.7115,

 0.4275, 0.0155,

243.8739, 309.0424

0.9935

299.4988,
293.7958, 368.9989

■ 0.0000, 0.0000,
0.0000

■ 44.4842, 40.9482,
58.3826

■ 44.4842, 40.9482,
58.3826

■ 40.4430, 34.1116,
57.2766

■ 49.0911, 48.8857,
59.6725

■ 36.9384, 28.3200,
56.3434

■ 54.2837, 57.9660,
61.1515

■ 33.9443, 23.5206,
55.5749

■ 60.0855, 68.2354,
62.8279

■ 31.4308, 19.6540,
54.9610

■ 66.5177, 79.7360,
64.7087

■ 29.3648, 16.6542,
54.4909

■ 71.8191, 88.9449,
66.2068

■ 27.7090, 14.4465,
54.1520

■ 72.7782, 89.4394,
66.2517

■ 26.4194, 12.9436,
53.9299

■ 73.7577, 89.9443,
66.2975

■ 25.4322, 12.0175,
53.8032

■ 74.7576, 90.4598,
66.3443

■ 25.2291, 11.8418,
53.7800

■ 75.7781, 90.9859,
66.3921

Harmonies

Analogous

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



41.3800, 40.9482, 65.7724



44.4842, 40.9482, 58.3826



46.1255, 40.9482, 47.9432

Triad

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



44.4842, 40.9482, 58.3826



40.0754, 40.9482, 27.8056



32.8087, 40.9482, 51.8498

Complementary

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



44.4842, 40.9482, 58.3826



42.6378, 50.8671, 41.7555

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.



32.5070, 40.9482, 41.3886



44.4842, 40.9482, 58.3826



36.5595, 40.9482, 28.5207

Square

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



44.4842, 40.9482, 58.3826



43.4789, 40.9482, 31.0231



33.8403, 40.9482, 33.1540



34.6915, 40.9482, 61.6169

Rectangle

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



44.4842, 40.9482, 58.3826



46.1044, 40.9482, 41.0976



33.8403, 40.9482, 33.1540



32.5237, 40.9482, 48.2656

Sweetspot

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



44.4854, 40.9500, 58.3835



90.3170, 91.7210, 107.5514



39.0597, 39.8738, 58.4617



19.1939, 19.3922, 22.9814



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.



44.4854, 40.9500, 58.3835



76.9845, 68.7636, 103.8229



44.8016, 41.2543, 52.0107



10.8978, 10.7211, 13.4125



16.6561, 7.8208, 35.3760



0.8371, 0.3953, 1.6773

Inverse Universe

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



43.0156, 40.5399, 42.6056



73.9433, 67.9280, 70.5996



42.4189, 50.6353, 47.1170



10.7068, 10.6661, 11.4395



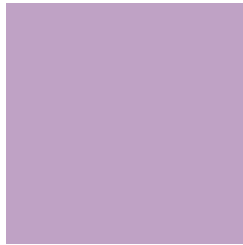
15.3546, 7.8914, 1.8112



0.7507, 0.3831, 0.2101

Previews

White Background



This preview shows how the XYZ color 44.4842, 40.9482, 58.3826 looks on a white background.

Color Contrast Check

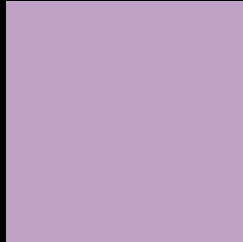
Large Text (above 18pt) WCAG AA × Fail

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 44.4842, 40.9482, 58.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

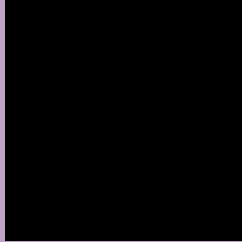
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4842, 40.9482, 58.3826

Background



This preview shows how black text looks on a background with the XYZ color 44.4842, 40.9482, 58.3826.



This preview shows how white text looks on a background with the XYZ color 44.4842, 40.9482,

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

44.4842, 40.9482, 58.3826

Protanopia

40.5524, 41.0131, 61.6561

Deuteranopia

41.9140, 40.9701, 57.9235



Tritanopia

42.2301, 40.8160, 47.7720

Trichromacy



Original Color

44.4842, 40.9482, 58.3826

Protanomaly

41.6996, 40.8062, 60.3222

Deuteranomaly

42.7103, 40.8409, 57.8566

Tritanomaly

43.0187, 40.8725, 51.5208

Monochromacy



Original Color

44.4842, 40.9482, 58.3826

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.9780, 41.9921, 50.6926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4842, 40.9482, 58.3826 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(191, 162, 197)` looks like.

```
.text, #text, p{  
    color:rgb(191, 162, 197)  
}
```

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(191, 162, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 162, 197) }
```

Border

The CSS property to change the border of an element to XYZ 44.4842, 40.9482, 58.3826 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(191, 162, 197) }
```


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

```
.border{ border-color:rgb(191, 162, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 162, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 162, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 162, 197);  
box-shadow:4px 4px 4px 4px rgb(191, 162,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4842, 40.9482, 58.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 162, 197) }
```

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

```
.background{ background-color: rgb(191,  
162, 197) }
```

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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