

Converting Colors

XYZ(43.5064, 38.7667, 60.6645)

Have a look what the booklet for
XYZ(43.5064, 38.7667, 60.6645)
contains.

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Color

**XYZ(43.4173, 38.8128,
60.4616)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9CC9
RGB	189, 156, 201
RGB Percent	74%, 61%, 79%
CMY	0.2588, 0.3882, 0.2118
CMYK	0.06, 0.22, 0.00, 0.21
HSL	284°, 29%, 70%
HSV	284°, 22%, 79%
XYZ	43.4173, 38.8128, 60.4616
YIQ	170.9970, 5.2230, 20.9910

Conversions

Conversions Part 2

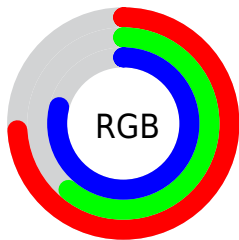
Format	Color
R_{YB}	189, 156, 201
Decimal	12426441
CIE _{Lab}	68.62, 20.35, -18.50
CIE _{LCh}	69, 27.504, 317.731
Yxy	38.8128, 0.3043, 0.2720
Android (android.graphics.Color)	4290616521 (0xFFBD9CC9)
YUV	170.9970, 14.7915, 15.7886
Hunter-Lab	62.2999, 15.3732, -13.9306

Details

The XYZ color **43.4173, 38.8128, 60.4616** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.0373, 52.4994, 39.3195**, and the grayscale version is **38.6344, 40.6464, 44.2640**.

A 20% lighter version of the original color is **79.3503, 73.4014, 104.5934**, and **20.3097, 17.3606, 29.8843** is the 20% darker color. If you saturate the color by 10%, you get **39.0147, 31.9445, 59.3685**, and if you desaturate by 10%, it is **48.4296, 46.8260, 61.7447**.

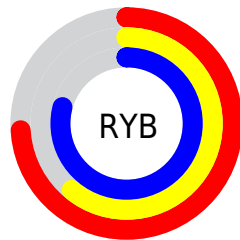
Distribution



Red (74%)

Green (61%)

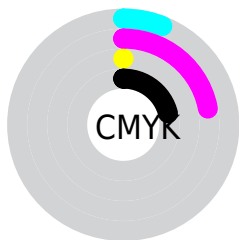
Blue (79%)



Red (74%)

Yellow (61%)

Blue (79%)

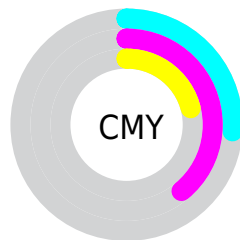


Cyan (6%)

Magenta (22%)

Yellow (0%)

Black (21%)



Cyan (26%)


Magenta (39%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4173, 38.8128, 60.4616 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 43.4173, 38.8128, 60.4616 by changing the saturation by 10% instead.

 43.4173, 38.8128,
60.4616


 43.4173, 38.8128,
60.4616


351.2176,
341.0939, 444.1489

 30.4086, 26.6141,
43.3631


 79.5920, 73.3523,
107.0489

 20.2986, 17.2836,
29.8366


 103.4887, 96.4618,
137.3748

 12.7218, 10.4369,
19.4636


131.7455,
123.9772, 172.9468

 7.3129, 5.6896,
11.8255

164.7277,
156.2826, 214.1836

 3.7066, 2.6573,
6.5039

202.8006,
193.7627, 261.5037

 1.5375, 0.9555,
3.0801

246.3297,

 0.3512, 0.0000,

236.8016, 315.3256

1.1357

295.6802,
285.7839, 376.0678

■ 0.0000, 0.0000,
0.0000

■ 43.4173, 38.8128,
60.4616

■ 43.4173, 38.8128,
60.4616

■ 39.0147, 31.9445,
59.3685

■ 48.4296, 46.8260,
61.7447

■ 35.1902, 26.1610,
58.4538

■ 54.0740, 56.0304,
63.2238

■ 31.9146, 21.4041,
57.7082

■ 60.3762, 66.4759,
64.9079

■ 29.1549, 17.6082,
57.1210

■ 67.3593, 78.2080,
66.8043

■ 26.8739, 14.6999,
56.6799

■ 74.5633, 90.3060,
68.7598

■ 25.0291, 12.5950,
56.3708

■ 76.1711, 91.1348,
68.8350

■ 23.5695, 11.1927,
56.1771

■ 77.8311, 91.9905,
68.9127

■ 22.6469, 10.4570,
56.0837

■ 79.5436, 92.8734,
68.9929

■ 81.3092, 93.7836,
69.0755

Harmonies

Analogous

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



39.4910, 38.8128, 69.3595



43.4173, 38.8128, 60.4616



45.6612, 38.8128, 47.5457

Triad

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



43.4173, 38.8128, 60.4616



38.6924, 38.8128, 22.9432



29.4984, 38.8128, 49.9659

Complementary

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



43.4173, 38.8128, 60.4616



43.0373, 52.4994, 39.3195

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.



29.3214, 38.8128, 37.3823



43.4173, 38.8128, 60.4616



34.4066, 38.8128, 23.3378

Square

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



43.4173, 38.8128, 60.4616



42.7933, 38.8128, 26.9261



31.0528, 38.8128, 28.1366



31.5569, 38.8128, 62.5300

Rectangle

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



43.4173, 38.8128, 60.4616



45.7936, 38.8128, 39.1259



31.0528, 38.8128, 28.1366



29.2231, 38.8128, 45.5583

Sweetspot

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



43.4185, 38.8145, 60.4624



87.8880, 88.2436, 107.0083



38.3960, 39.5697, 60.8729



18.6851, 18.6814, 22.8710



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.



43.4185, 38.8145, 60.4624



70.4452, 60.3435, 102.5423



45.4085, 39.9687, 54.7570



10.7965, 10.6689, 13.4078



14.3299, 6.6216, 35.2672



0.7445, 0.3475, 1.6730

Inverse Universe

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



43.0451, 39.0233, 42.3113



69.7910, 60.8252, 65.5106



41.4583, 51.5862, 43.7300



10.7481, 10.6826, 11.6567



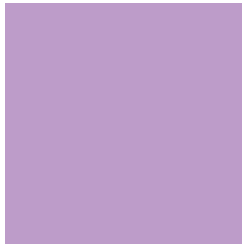
15.5909, 7.9859, 3.0557



0.7693, 0.3906, 0.3082

Previews

White Background



This preview shows how the XYZ color 43.4173, 38.8128, 60.4616 looks on a white background.

Color Contrast Check

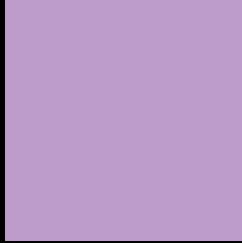
Large Text (above 18pt) WCAG AA × Fail

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 43.4173, 38.8128, 60.4616 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 43.4173, 38.8128, 60.4616

Background



This preview shows how black text looks on a background with the XYZ color 43.4173, 38.8128, 60.4616.



This preview shows how white text looks on a background with the XYZ color 43.4173, 38.8128,

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

43.4173, 38.8128, 60.4616

Protanopia

39.1219, 39.0956, 65.1588

Deuteranopia

39.8492, 39.0459, 60.0799



Tritanopia

40.3924, 38.8600, 45.4162

Trichromacy



Original Color

43.4173, 38.8128, 60.4616

Protanomaly

40.3020, 38.6835, 63.1001

Deuteranomaly

41.0747, 38.8900, 59.9852

Tritanomaly

41.2996, 38.6961, 50.6398

Monochromacy



Original Color

43.4173, 38.8128, 60.4616

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.4398, 40.1148, 49.8675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4173, 38.8128, 60.4616 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(189, 156, 201)` looks like.

```
.text, #text, p{  
    color:rgb(189, 156, 201)  
}
```

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(189, 156, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 156, 201) }
```

Border

The CSS property to change the border of an element to XYZ 43.4173, 38.8128, 60.4616 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(189, 156, 201) }
```


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

```
.border{ border-color:rgb(189, 156, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 156, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 156, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 156, 201);  
box-shadow:4px 4px 4px 4px rgb(189, 156,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4173, 38.8128, 60.4616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 156, 201) }
```

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

```
.background{ background-color: rgb(189,  
156, 201) }
```

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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