

Converting Colors

XYZ(45.6087, 44.8893, 59.3828)

Have a look what the booklet for
XYZ(45.6087, 44.8893, 59.3828)
contains.

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Color

**XYZ(45.4638, 44.7424,
59.0633)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAEC5
RGB	186, 174, 197
RGB Percent	73%, 68%, 77%
CMY	0.2706, 0.3176, 0.2274
CMYK	0.06, 0.12, 0.00, 0.23
HSL	271°, 17%, 73%
HSV	271°, 12%, 77%
XYZ	45.4638, 44.7424, 59.0633
YIQ	180.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

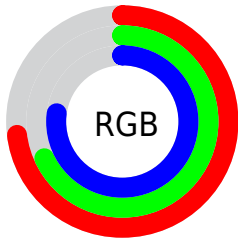
Format	Color
R _Y B	186, 174, 197
Decimal	12234437
CIE Lab	72.72, 8.61, -10.14
CIE LCh	73, 13.304, 310.330
Yxy	44.7424, 0.3046, 0.2997
Android (android.graphics.Color)	4290424517 (0xFFBAAEC5)
YUV	180.2100, 8.2775, 5.0778
Hunter-Lab	66.8898, 4.2662, -5.5299

Details

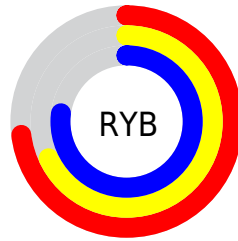
The XYZ color **45.4638, 44.7424, 59.0633** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6154, 53.3040, 47.8256**, and the grayscale version is **43.4533, 45.7163, 49.7850**.

A 20% lighter version of the original color is **82.5267, 82.0716, 105.2577**, and **21.5903, 20.8888, 28.8806** is the 20% darker color. If you saturate the color by 10%, you get **39.7197, 36.5407, 57.7836**, and if you desaturate by 10%, it is **51.9197, 54.1421, 60.5380**.

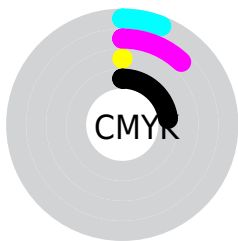
Distribution



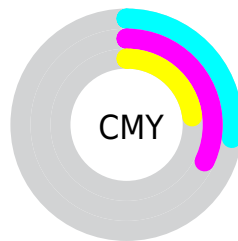
- Red (73%)
- Green (68%)
- Blue (77%)



- Red (73%)
- Yellow (68%)
- Blue (77%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)



- Cyan (27%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4638, 44.7424, 59.0633 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 45.4638, 44.7424, 59.0633 by changing the saturation by 10% instead.

■ 45.4638, 44.7424,
59.0633

■ 45.4638, 44.7424,
59.0633

359.4009,
365.7293, 438.8449

■ 32.0257, 31.2546,
42.2437

■ 82.6487, 82.3337,
104.9997

■ 21.5368, 20.7928,
28.9652

107.1263,
107.2060, 134.9536

■ 13.6316, 12.9726,
18.8091

136.0145,
136.6419, 170.1227

■ 7.9449, 7.4097,
11.3570

169.6785,
171.0258, 210.9255

■ 4.1112, 3.7196,
6.1903

208.4838,
210.7421, 257.7806

■ 1.7652, 1.5180,
2.8905

252.7958,

■ 0.4966, 0.3013,

256.1752, 311.1065

1.0390

302.9797,
307.7094, 371.3217

■ 0.0000, 0.0000,
0.0000

■ 45.4638, 44.7424,
59.0633

■ 45.4638, 44.7424,
59.0633

■ 39.7197, 36.5407,
57.7836

■ 51.9197, 54.1421,
60.5380

■ 34.6564, 29.4814,
56.6879

■ 59.1089, 64.7809,
62.2126

■ 30.2461, 23.5129,
55.7683

■ 67.0570, 76.7051,
64.0953

■ 26.4578, 18.5774,
55.0153

■ 75.7870, 89.9568,
66.1930

■ 23.2573, 14.6114,
54.4185

■ 79.4800, 92.8943,
66.5654

■ 20.6070, 11.5443,
53.9662

■ 82.6410, 94.5238,
66.7133

■ 18.4638, 9.2954,
53.6451

■ 85.9688, 96.2393,
66.8691

■ 16.7773, 7.7688,
53.4393

■ 87.0782, 96.8113,
66.9210

■ 15.6458, 6.9015,
53.3315

Harmonies

Analogous

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



43.3271, 44.7424, 62.3220



45.4638, 44.7424, 59.0633



46.8439, 44.7424, 53.1219

Triad

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



45.4638, 44.7424, 59.0633



44.0378, 44.7424, 37.7013



38.3078, 44.7424, 51.0318

Complementary

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



45.4638, 44.7424, 59.0633



47.6154, 53.3040, 47.8256

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.



38.4825, 44.7424, 44.5624



45.4638, 44.7424, 59.0633



41.7354, 44.7424, 37.2516

Square

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



45.4638, 44.7424, 59.0633



46.0002, 44.7424, 40.9450



39.7182, 44.7424, 39.6553



39.2318, 44.7424, 57.4147

Rectangle

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



45.4638, 44.7424, 59.0633



47.1206, 44.7424, 48.6438



39.7182, 44.7424, 39.6553



38.2408, 44.7424, 48.7900

Sweetspot

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



45.4651, 44.7443, 59.0643



90.1097, 92.7503, 107.7610



44.9086, 47.7783, 59.6792



19.0935, 19.5693, 23.0209



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.



45.4651, 44.7443, 59.0643



78.6944, 76.2038, 105.1689



48.1974, 46.1579, 58.9632



10.5758, 10.5551, 13.3974



10.3879, 4.5894, 35.0827



0.5752, 0.2602, 1.6651

Inverse Universe

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



46.9205, 45.6472, 52.2389



81.8448, 78.1577, 90.4155



45.1008, 52.0033, 47.9033



10.8416, 10.7200, 12.1491



16.5225, 8.3586, 7.9615



0.8189, 0.4104, 0.5695

Previews

White Background



This preview shows how the XYZ color 45.4638, 44.7424, 59.0633 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 45.4638, 44.7424, 59.0633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

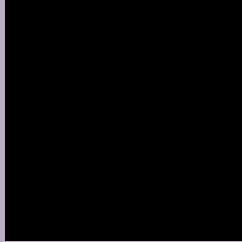
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4638, 44.7424, 59.0633

Background



This preview shows how black text looks on a background with the XYZ color 45.4638, 44.7424, 59.0633.



This preview shows how white text looks on a background with the XYZ color 45.4638, 44.7424,

59.0633.

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

45.4638, 44.7424, 59.0633

Protanopia

43.9354, 44.7979, 60.3640

Deuteranopia

45.7076, 44.8681, 59.0747



Tritanopia

44.5229, 44.6484, 54.4155

Trichromacy



Original Color

45.4638, 44.7424, 59.0633

Protanomaly

44.5408, 44.8312, 59.7318

Deuteranomaly

45.7076, 44.8681, 59.0747

Tritanomaly

44.8520, 44.7800, 56.1486

Monochromacy



Original Color

45.4638, 44.7424, 59.0633

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.0747, 45.3310, 52.8812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4638, 44.7424, 59.0633 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(186, 174, 197)` looks like.

```
.text, #text, p{  
    color:rgb(186, 174, 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(186, 174, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 174, 197) }
```

Border

The CSS property to change the border of an element to XYZ 45.4638, 44.7424, 59.0633 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(186, 174, 197) }
```


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

```
.border{ border-color:rgb(186, 174, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 174, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 174, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 174, 197);  
box-shadow:4px 4px 4px 4px rgb(186, 174,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4638, 44.7424, 59.0633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 174, 197) }
```

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

```
.background{ background-color: rgb(186,  
174, 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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