

Converting Colors

XYZ(38.5584, 36.3934, 45.1538)

Have a look what the booklet for
XYZ(38.5584, 36.3934, 45.1538)
contains.

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Color

**XYZ(38.6527, 36.4438,
45.0415)**

Conversions

Conversions Part 1

Format	Color
Hex	B69BAE
RGB	182, 155, 174
RGB Percent	71%, 61%, 68%
CMY	0.2863, 0.3921, 0.3176
CMYK	0.00, 0.15, 0.04, 0.29
HSL	318°, 16%, 66%
HSV	318°, 15%, 71%
XYZ	38.6527, 36.4438, 45.0415
YIQ	165.2390, 9.9930, 11.6330

Conversions

Conversions Part 2

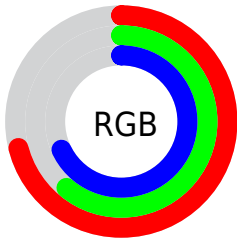
Format	Color
RYB	182, 155, 174
Decimal	11967406
CIELab	66.86, 13.29, -6.16
CIElCh	67, 14.653, 335.128
Yxy	36.4438, 0.3217, 0.3033
Android (android.graphics.Color)	4290157486 (0xFFB69BAE)
YUV	165.2390, 4.3192, 14.6994
Hunter-Lab	60.3687, 8.6442, -1.9786

Details

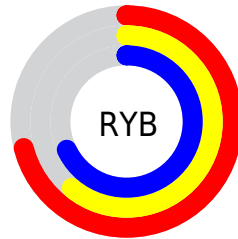
The XYZ color **38.6527, 36.4438, 45.0415** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8578, 43.0697, 41.0230**, and the grayscale version is **35.8563, 37.7236, 41.0810**.

A 20% lighter version of the original color is **72.4493, 69.9275, 83.8076**, and **17.5164, 15.9729, 20.5722** is the 20% darker color. If you saturate the color by 10%, you get **35.3341, 30.6308, 41.3933**, and if you desaturate by 10%, it is **42.4510, 43.1815, 48.9546**.

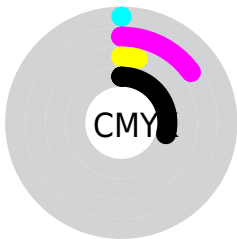
Distribution



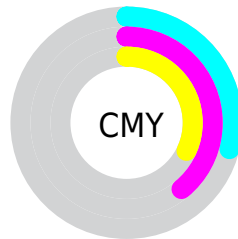
- Red (71%)
- Green (61%)
- Blue (68%)



- Red (71%)
- Yellow (61%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (39%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6527, 36.4438, 45.0415 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 38.6527, 36.4438, 45.0415 by changing the saturation by 10% instead.

■ 38.6527, 36.4438,
45.0415

■ 38.6527, 36.4438,
45.0415

331.6443,
330.8962, 383.1066

■ 26.6692, 24.7771,
31.1469

■ 72.4049, 69.7165,
84.1018

■ 17.4602, 15.9111,
20.4514

■ 94.9043, 92.0914,
110.1046

■ 10.6605, 9.4613,
12.5362

121.6398,
118.8044, 140.9806

■ 5.9046, 5.0433,
6.9830

152.9765,
150.2400, 177.1482

■ 2.8273, 2.2727,
3.3732

189.2800,
186.7826, 219.0261

■ 1.0631, 0.7592,
1.2882

230.9156,

■ 0.0000, 0.0000,

228.8166, 267.0328

0.0521

278.2485,
276.7263, 321.5868

0.0000, 0.0000,
0.0000

38.6527, 36.4438,
45.0415

38.6527, 36.4438,
45.0415

35.3341, 30.6308,
41.3933

42.4510, 43.1815,
48.9546

32.4715, 25.6969,
37.9997

46.7453, 50.8773,
53.1380

30.0438, 21.5997,
34.8528

51.5547, 59.5690,
57.5996

28.0269, 18.2917,
31.9433

56.8967, 69.2908,
62.3463

26.3944, 15.7201,
29.2612

62.7876, 80.0752,
67.3849

■ 25.1166, 13.8261,
26.7952

■ 66.2360, 85.9390,
71.7192

■ 24.1591, 12.5417,
24.5326

■ 66.9042, 86.2062,
75.2378

■ 23.4806, 11.7841,
22.4582

■ 67.5951, 86.4826,
78.8761

■ 23.1924, 11.5055,
21.4441

■ 68.3089, 86.7681,
82.6351

Harmonies

Analogous

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



37.1505, 36.4438, 50.5290



38.6527, 36.4438, 45.0415



39.0612, 36.4438, 38.5996

Triad

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



38.6527, 36.4438, 45.0415



34.2590, 36.4438, 28.7195



31.2674, 36.4438, 47.1301

Complementary

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



38.6527, 36.4438, 45.0415



36.8578, 43.0697, 41.0230

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.



30.5634, 36.4438, 40.7826



38.6527, 36.4438, 45.0415



32.2429, 36.4438, 30.5088

Square

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



38.6527, 36.4438, 45.0415



36.4631, 36.4438, 29.6019



30.9128, 36.4438, 34.7638



32.8763, 36.4438, 51.8222

Rectangle

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



38.6527, 36.4438, 45.0415



38.6440, 36.4438, 34.7184



30.9128, 36.4438, 34.7638



30.9202, 36.4438, 45.0955

Sweetspot

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



38.6538, 36.4454, 45.0423



77.5263, 79.2925, 89.3164



35.1991, 34.5716, 49.0742



17.0006, 17.2946, 19.6048



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.6538, 36.4454, 45.0423



67.8927, 62.2294, 79.3106



37.4338, 35.9574, 38.6181



9.2645, 9.1162, 10.7401



16.4083, 8.1371, 15.3028



0.6042, 0.2972, 0.6752

Inverse Universe

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



38.6538, 36.4454, 45.0423



67.8927, 62.2294, 79.3106



38.0980, 43.5658, 47.5540



9.2645, 9.1162, 10.7401



16.4083, 8.1371, 15.3028



0.6042, 0.2972, 0.6752

Previews

White Background



This preview shows how the XYZ color 38.6527, 36.4438, 45.0415 looks on a white background.

Color Contrast Check

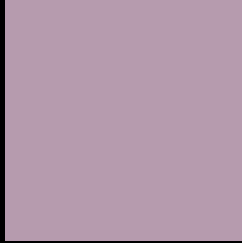
Large Text (above 18pt) WCAG AA × Fail

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 38.6527, 36.4438, 45.0415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

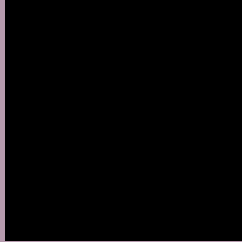
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6527, 36.4438, 45.0415

Background



This preview shows how black text looks on a background with the XYZ color 38.6527, 36.4438, 45.0415.



This preview shows how white text looks on a background with the XYZ color 38.6527, 36.4438,

45.0415.

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

38.6527, 36.4438, 45.0415

Protanopia

35.6542, 36.6321, 47.3110

Deuteranopia

37.2252, 36.4695, 44.6125



Tritanopia

38.0124, 36.4278, 42.0736

Trichromacy



Original Color

38.6527, 36.4438, 45.0415

Protanomaly

36.6961, 36.4056, 46.6879

Deuteranomaly

37.7313, 36.4782, 44.5875

Tritanomaly

38.2002, 36.5030, 43.0626

Monochromacy



Original Color

38.6527, 36.4438, 45.0415

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.6073, 36.9748, 42.2532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6527, 36.4438, 45.0415 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(182, 155, 174)` looks like.

```
.text, #text, p{  
    color:rgb(182, 155, 174)  
}
```

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(182, 155, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 155, 174) }
```

Border

The CSS property to change the border of an element to XYZ 38.6527, 36.4438, 45.0415 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(182, 155, 174) }
```


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

```
.border{ border-color:rgb(182, 155, 174) }
```

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

Here you see how a box with a 4 pixel rgb(182, 155, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 155, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 155, 174);  
box-shadow:4px 4px 4px 4px rgb(182, 155,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6527, 36.4438, 45.0415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 155, 174) }
```

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

```
.background{ background-color: rgb(182,  
155, 174) }
```

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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