

Converting Colors

XYZ(40.5588, 36.9483, 44.8966)

Have a look what the booklet for
XYZ(40.5588, 36.9483, 44.8966)
contains.

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Color

**XYZ(40.5171, 36.9148,
45.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	BF99AE
RGB	191, 153, 174
RGB Percent	75%, 60%, 68%
CMY	0.2510, 0.4000, 0.3176
CMYK	0.00, 0.20, 0.09, 0.25
HSL	327°, 23%, 67%
HSV	327°, 20%, 75%
XYZ	40.5171, 36.9148, 45.0342
YIQ	166.7560, 15.9070, 14.5870

Conversions

Conversions Part 2

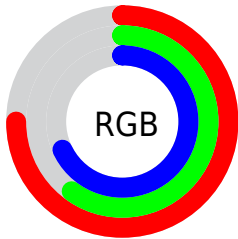
Format	Color
R_{YB}	191, 153, 174
Decimal	12556718
CIE _{Lab}	67.21, 17.63, -5.54
CIE _{LCh}	67, 18.476, 342.544
Yxy	36.9148, 0.3308, 0.3014
Android (android.graphics.Color)	4290746798 (0xFFBF99AE)
YUV	166.7560, 3.5713, 21.2620
Hunter-Lab	60.7576, 12.7097, -1.4161

Details

The XYZ color **40.5171, 36.9148, 45.0342** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.0249, 46.9373, 45.0354**, and the grayscale version is **36.5905, 38.4961, 41.9222**.

A 20% lighter version of the original color is **75.1671, 70.2392, 83.7245**, and **18.5808, 16.2262, 20.5650** is the 20% darker color. If you saturate the color by 10%, you get **36.8311, 30.8335, 39.8253**, and if you desaturate by 10%, it is **44.7587, 44.0214, 50.6907**.

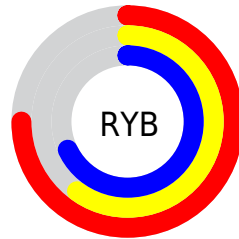
Distribution



Red (75%)

Green (60%)

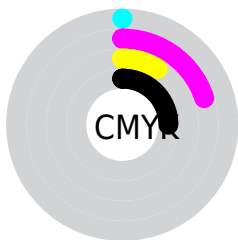
Blue (68%)



Red (75%)

Yellow (60%)

Blue (68%)

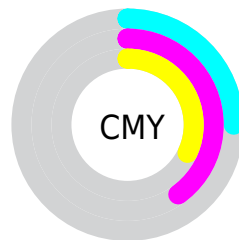


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (25%)



Cyan (25%)

Magenta (40%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5171, 36.9148, 45.0342 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 40.5171, 36.9148, 45.0342 by changing the saturation by 10% instead.

■ 40.5171, 36.9148,
45.0342

■ 40.5171, 36.9148,
45.0342

339.3954,
332.9415, 383.0762

■ 28.1280, 25.1415,
31.1412

■ 75.2296, 70.4417,
84.0907

■ 18.5631, 16.1825,
20.4470

■ 98.2837, 92.9642,
110.0913

■ 11.4571, 9.6534,
12.5331

125.6235,
119.8385, 140.9649

■ 6.4447, 5.1698,
6.9809

157.6144,
151.4490, 177.1300

■ 3.1606, 2.3472,
3.3719

194.6217,
188.1802, 219.0052

■ 1.2392, 0.7985,
1.2875

237.0107,

■ 0.1370, 0.0000,

230.4164, 267.0089

0.0515

285.1468,
278.5420, 321.5597

■ 0.0000, 0.0000,
0.0000

■ 40.5171, 36.9148,
45.0342

■ 40.5171, 36.9148,
45.0342

■ 36.8311, 30.8335,
39.8253

■ 44.7587, 44.0214,
50.6907

■ 33.6727, 25.7246,
35.0486

■ 49.5757, 52.1931,
56.8048

■ 31.0162, 21.5380,
30.6910

■ 54.9911, 61.4735,
63.3891

■ 28.8327, 18.2171,
26.7376

■ 61.0253, 71.9025,
70.4550

■ 27.0896, 15.6989,
23.1724

■ 67.6981, 83.5179,
78.0133

■ 25.7504, 13.9119,
19.9777

■ 70.8742, 88.0477,
84.6900

■ 24.7718, 12.7717,
17.1336

■ 72.0716, 88.5267,
90.9951

■ 24.0710, 12.1140,
14.6064

■ 73.3281, 89.0293,
97.6121

■ 24.0641, 12.1077,
14.5808

■ 74.6447, 89.5559,
104.5451

Harmonies

Analogous

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



38.8818, 36.9148, 52.7543



40.5171, 36.9148, 45.0342



40.6496, 36.9148, 36.9147

Triad

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



40.5171, 36.9148, 45.0342



33.9219, 36.9148, 26.8618



31.2414, 36.9148, 51.6344

Complementary

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



40.5171, 36.9148, 45.0342



39.0249, 46.9373, 45.0354

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.



30.0555, 36.9148, 43.6618



40.5171, 36.9148, 45.0342



31.5464, 36.9148, 29.8045

Square

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



40.5171, 36.9148, 45.0342



36.7381, 36.9148, 27.1259



30.1641, 36.9148, 35.7136



33.4850, 36.9148, 56.9015

Rectangle

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



40.5171, 36.9148, 45.0342



39.8584, 36.9148, 32.4058



30.1641, 36.9148, 35.7136



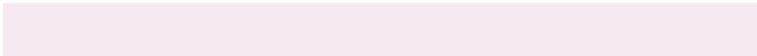
30.7114, 36.9148, 49.1395

Sweetspot

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



40.5182, 36.9164, 45.0350



83.3153, 84.1716, 94.8477



37.2592, 35.0326, 54.0890



18.1725, 18.2753, 20.6707



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.5182, 36.9164, 45.0350



69.4847, 61.0076, 76.3734



38.8397, 36.2451, 36.1965



9.7448, 9.6222, 11.0453



15.8555, 7.9733, 9.7985



0.6536, 0.3253, 0.5549

Inverse Universe

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



40.5182, 36.9164, 45.0350



69.4847, 61.0076, 76.3734



40.8964, 47.6859, 54.8907



9.7448, 9.6222, 11.0453



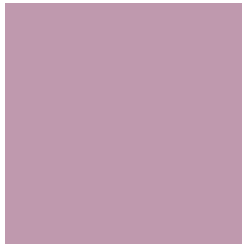
15.8555, 7.9733, 9.7985



0.6536, 0.3253, 0.5549

Previews

White Background



This preview shows how the XYZ color 40.5171, 36.9148, 45.0342 looks on a white background.

Color Contrast Check

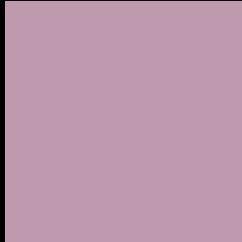
Large Text (above 18pt) WCAG AA × Fail

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 40.5171, 36.9148, 45.0342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

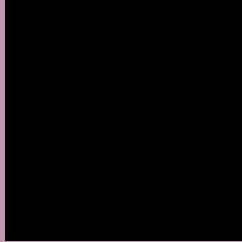
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5171, 36.9148, 45.0342

Background



This preview shows how black text looks on a background with the XYZ color 40.5171, 36.9148, 45.0342.



This preview shows how white text looks on a background with the XYZ color 40.5171, 36.9148,

45.0342.

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

40.5171, 36.9148, 45.0342

Protanopia

36.2357, 37.1711, 48.4449

Deuteranopia

37.8455, 37.0435, 44.6906



Tritanopia

39.6737, 36.8115, 41.0907

Trichromacy



Original Color

40.5171, 36.9148, 45.0342

Protanomaly

37.6676, 36.8949, 47.2556

Deuteranomaly

38.6559, 36.9548, 44.6308

Tritanomaly

39.9522, 36.9229, 42.5572

Monochromacy



Original Color

40.5171, 36.9148, 45.0342

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.0805, 37.9730, 43.3527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5171, 36.9148, 45.0342 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, 153, 174)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 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(191, 153, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 174) }
```

Border

The CSS property to change the border of an element to XYZ 40.5171, 36.9148, 45.0342 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, 153, 174) }
```


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

```
.border{ border-color:rgb(191, 153, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 174);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5171, 36.9148, 45.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 174) }
```

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

```
.background{ background-color: rgb(191,  
153, 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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