

Converting Colors

XYZ(45.4367, 42.8251, 56.3234)

Have a look what the booklet for
XYZ(45.4367, 42.8251, 56.3234)
contains.

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Color

**XYZ(45.4367, 42.8251,
56.3234)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A7C1
RGB	193, 167, 193
RGB Percent	76%, 65%, 76%
CMY	0.2431, 0.3451, 0.2431
CMYK	0.00, 0.13, 0.00, 0.24
HSL	300°, 17%, 71%
HSV	300°, 13%, 76%
XYZ	45.4367, 42.8251, 56.3234
YIQ	177.7380, 7.1500, 13.5980

Conversions

Conversions Part 2

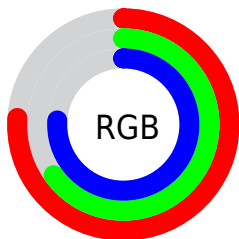
Format	Color
R_{YB}	193, 167, 193
Decimal	12691393
CIE Lab	71.44, 14.07, -9.80
CIE LCh	71, 17.148, 325.160
Yxy	42.8251, 0.3143, 0.2962
Android (android.graphics.Color)	4290881473 (0xFFC1A7C1)
YUV	177.7380, 7.5242, 13.3848
Hunter-Lab	65.4409, 9.4140, -5.2209

Details

The XYZ color **45.4367, 42.8251, 56.3234** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.9830, 49.1467, 43.8350**, and the grayscale version is **42.1384, 44.3329, 48.2785**.

A 20% lighter version of the original color is **82.6445, 79.4061, 100.5936**, and **21.4384, 19.6145, 27.0822** is the 20% darker color. If you saturate the color by 10%, you get **42.1620, 36.2750, 55.2322**, and if you desaturate by 10%, it is **49.2416, 50.4342, 57.5924**.

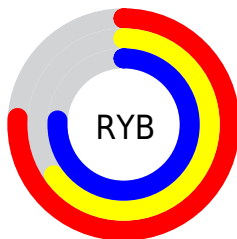
Distribution



Red (76%)

Green (65%)

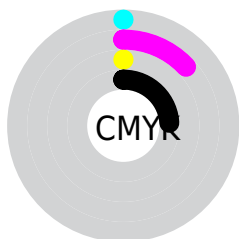
Blue (76%)



Red (76%)

Yellow (65%)

Blue (76%)

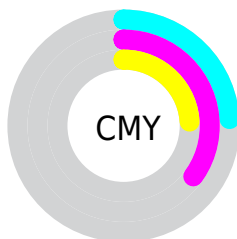


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4367, 42.8251, 56.3234 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 45.4367, 42.8251, 56.3234 by changing the saturation by 10% instead.

 45.4367, 42.8251,
56.3234


 45.4367, 42.8251,
56.3234


359.2934,
357.8920, 428.3316

 32.0043, 29.7479,
40.0565


 82.6084, 79.4469,
100.9678

 21.5203, 19.6473,
27.2685


 107.0783,
103.7602, 130.1824

 13.6195, 12.1389,
17.5408


135.9582,
132.5878, 164.5499

 7.9364, 6.8384,
10.4548

169.6133,
166.3139, 204.4891

 4.1058, 3.3612,
5.5920

208.4090,
205.3230, 250.4182

 1.7621, 1.3231,
2.5339

252.7107,

 0.4947, 0.1590,

249.9994, 302.7560

0.8580

302.8837,
300.7276, 361.9210

■ 0.0000, 0.0000,
0.0000

■ 45.4367, 42.8251,
56.3234

■ 45.4367, 42.8251,
56.3234

■ 42.1620, 36.2750,
55.2322

■ 49.2416, 50.4342,
57.5924

■ 39.3904, 30.7319,
54.3081

■ 53.5948, 59.1404,
59.0436

■ 37.0981, 26.1474,
53.5439

■ 58.5180, 68.9869,
60.6848

■ 35.2580, 22.4672,
52.9304

■ 64.0310, 80.0127,
62.5226

■ 33.8401, 19.6315,
52.4576

■ 67.3786, 86.7080,
63.6387

■ 32.8110, 17.5733,
52.1144

■ 67.3787, 86.7080,
63.6388

■ 32.1322, 16.2157,
51.8879

■ 67.3787, 86.7081,
63.6390

■ 31.7571, 15.4657,
51.7628

■ 67.3787, 86.7081,
63.6392

■ 31.6182, 15.1878,
51.7164

■ 67.3788, 86.7081,
63.6394

Harmonies

Analogous

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



43.1122, 42.8251, 62.5659



45.4367, 42.8251, 56.3234



46.4952, 42.8251, 47.9847

Triad

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



45.4367, 42.8251, 56.3234



41.1745, 42.8251, 32.5027



35.8792, 42.8251, 53.7270

Complementary

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



45.4367, 42.8251, 56.3234



41.9830, 49.1467, 43.8350

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.



35.4148, 42.8251, 45.2996



45.4367, 42.8251, 56.3234



38.3871, 42.8251, 33.6584

Square

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



45.4367, 42.8251, 56.3234



43.9614, 42.8251, 34.7503



36.3119, 42.8251, 38.1166



37.6116, 42.8251, 60.9469

Rectangle

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



45.4367, 42.8251, 56.3234



46.3058, 42.8251, 42.5903



36.3119, 42.8251, 38.1166



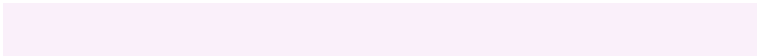
35.5732, 42.8251, 50.9158

Sweetspot

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



45.4380, 42.8270, 56.3243



87.7600, 89.4650, 103.0032



39.3826, 39.7053, 56.0412



18.7101, 18.9585, 22.0585



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.



45.4380, 42.8270, 56.3243



79.6539, 73.2531, 100.3008



44.0507, 42.2721, 49.0192



10.4973, 10.2475, 12.7095



21.0295, 10.1015, 34.3969



0.9086, 0.4365, 1.4862

Inverse Universe

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



45.4380, 42.8270, 56.3243



79.6539, 73.2531, 100.3008



43.2461, 49.6520, 50.4860



10.4973, 10.2475, 12.7095



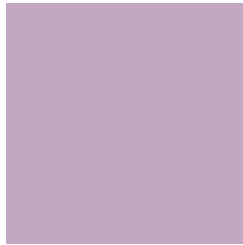
21.0295, 10.1015, 34.3969



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 45.4367, 42.8251, 56.3234 looks on a white background.

Color Contrast Check

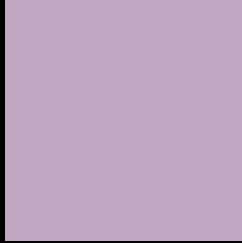
Large Text (above 18pt) WCAG AA × Fail

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 45.4367, 42.8251, 56.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

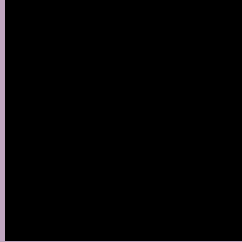
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4367, 42.8251, 56.3234

Background



This preview shows how black text looks on a background with the XYZ color 45.4367, 42.8251, 56.3234.



This preview shows how white text looks on a background with the XYZ color 45.4367, 42.8251,

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

45.4367, 42.8251, 56.3234

Protanopia

42.2274, 43.0740, 58.9118

Deuteranopia

43.6563, 42.7456, 55.8190



Tritanopia

44.1173, 42.8297, 50.1977

Trichromacy



Original Color

45.4367, 42.8251, 56.3234

Protanomaly

43.3491, 42.8146, 58.2039

Deuteranomaly

44.1959, 42.7465, 55.7907

Tritanomaly

44.6038, 42.7569, 52.3564

Monochromacy



Original Color

45.4367, 42.8251, 56.3234

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.2117, 43.7583, 50.9684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4367, 42.8251, 56.3234 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(193, 167, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 167, 193)  
}
```

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(193, 167, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 167, 193) }
```

Border

The CSS property to change the border of an element to XYZ 45.4367, 42.8251, 56.3234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

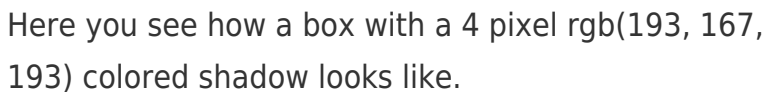
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 167, 193) }
```


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

```
.border{ border-color:rgb(193, 167, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 167, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 167, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 167, 193);  
box-shadow:4px 4px 4px 4px rgb(193, 167,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4367, 42.8251, 56.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 167, 193) }
```

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

```
.background{ background-color: rgb(193,  
167, 193) }
```

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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