

Converting Colors

XYZ(43.7666, 36.5146, 54.1467)

Have a look what the booklet for
XYZ(43.7666, 36.5146, 54.1467)
contains.

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Color

**XYZ(43.6168, 36.4299,
54.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	C991BF
RGB	201, 145, 191
RGB Percent	79%, 57%, 75%
CMY	0.2118, 0.4314, 0.2510
CMYK	0.00, 0.28, 0.05, 0.21
HSL	311°, 34%, 68%
HSV	311°, 28%, 79%
XYZ	43.6168, 36.4299, 54.0230
YIQ	166.9880, 18.6100, 26.1780

Conversions

Conversions Part 2

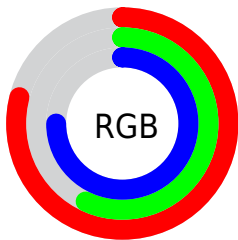
Format	Color
R_{YB}	201, 145, 191
Decimal	13210047
CIE _{Lab}	66.85, 28.56, -15.49
CIE _{LCh}	67, 32.495, 331.525
Yxy	36.4299, 0.3253, 0.2717
Android (android.graphics.Color)	4291400127 (0xFFC991BF)
YUV	166.9880, 11.8379, 29.8285
Hunter-Lab	60.3572, 23.3670, -10.8178

Details

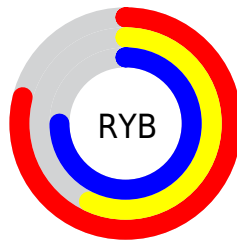
The XYZ color **43.6168, 36.4299, 54.0230** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.4816, 50.1608, 38.6664**, and the grayscale version is **36.6635, 38.5729, 42.0059**.

A 20% lighter version of the original color is **78.4519, 68.8222, 97.1448**, and **20.4442, 15.9514, 26.0462** is the 20% darker color. If you saturate the color by 10%, you get **40.4230, 30.6662, 51.0335**, and if you desaturate by 10%, it is **47.3659, 43.2874, 57.2462**.

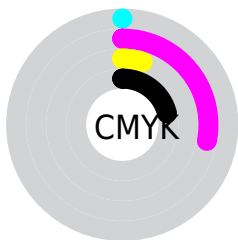
Distribution



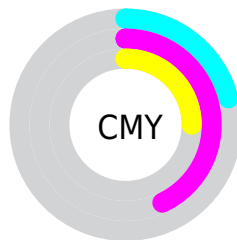
- Red (79%)
- Green (57%)
- Blue (75%)



- Red (79%)
- Yellow (57%)
- Blue (75%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)
- Black (21%)





- Cyan (21%)
- Magenta (43%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6168, 36.4299, 54.0230 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 43.6168, 36.4299, 54.0230 by changing the saturation by 10% instead.

 43.6168, 36.4299,
54.0230

 43.6168, 36.4299,
54.0230

352.0209,
330.8357, 419.3748

 30.5660, 24.7664,
38.2267


 79.8907, 69.6951,
97.5648

 20.4188, 15.9031,
25.8555


 103.8446, 92.0656,
126.1473

 12.8099, 9.4556,
16.4908


132.1634,
118.7738, 159.8291

 7.3738, 5.0395,
9.7140

165.2127,
150.2043, 199.0286

 3.7454, 2.2705,
5.1066

203.3577,
186.7413, 244.1644

 1.5591, 0.7580,
2.2501

246.9639,

 0.3655, 0.0000,

228.7693, 295.6550

0.7031

296.3965,
276.6726, 353.9190

■ 0.0000, 0.0000,
0.0000

■ 43.6168, 36.4299,
54.0230

■ 43.6168, 36.4299,
54.0230

■ 40.4230, 30.6662,
51.0335

■ 47.3659, 43.2874,
57.2462

■ 37.7524, 25.9342,
48.2654

■ 51.6934, 51.2869,
60.7100

■ 35.5749, 22.1730,
45.7087

■ 56.6255, 60.4798,
64.4237

■ 33.8556, 19.3131,
43.3516

■ 62.1855, 70.9126,
68.3954

■ 32.5552, 17.2760,
41.1805

■ 68.3956, 82.6296,
72.6330

■ 31.6277, 15.9697,
39.1798

■ 71.7995, 88.7184,
75.9845

■ 31.0057, 15.2596,
37.3266

■ 72.2591, 88.9022,
78.4044

■ 30.8888, 15.1381,
36.9411

■ 72.7287, 89.0901,
80.8776

■ 73.2086, 89.2820,
83.4046

Harmonies

Analogous

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



39.8069, 36.4299, 67.5054



43.6168, 36.4299, 54.0230



44.9602, 36.4299, 38.9497

Triad

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



43.6168, 36.4299, 54.0230



34.3745, 36.4299, 18.2921



27.1770, 36.4299, 55.5712

Complementary

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



43.6168, 36.4299, 54.0230



38.4816, 50.1608, 38.6664

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.



26.0099, 36.4299, 40.3910



43.6168, 36.4299, 54.0230



29.9145, 36.4299, 20.7759

Square

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



43.6168, 36.4299, 54.0230



39.3305, 36.4299, 20.3112



26.9635, 36.4299, 28.1086



30.3116, 36.4299, 68.5379

Rectangle

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



43.6168, 36.4299, 54.0230



44.1840, 36.4299, 30.5392



26.9635, 36.4299, 28.1086



26.5557, 36.4299, 50.4509

Sweetspot

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



43.6179, 36.4315, 54.0238



88.3028, 87.4354, 103.7846



34.0596, 31.3725, 59.5195



18.6453, 18.2414, 22.0150



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.



43.6179, 36.4315, 54.0238



71.4986, 56.6188, 89.5761



40.8849, 35.3383, 39.6321



10.9987, 10.7829, 12.9763



19.4521, 9.5304, 23.3883



0.9429, 0.4600, 1.2226

Inverse Universe

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



43.6179, 36.4315, 54.0238



71.4986, 56.6188, 89.5761



41.0431, 51.1854, 52.1547



10.9987, 10.7829, 12.9763



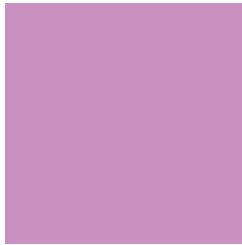
19.4521, 9.5304, 23.3883



0.9429, 0.4600, 1.2226

Previews

White Background



This preview shows how the XYZ color 43.6168, 36.4299, 54.0230 looks on a white background.

Color Contrast Check

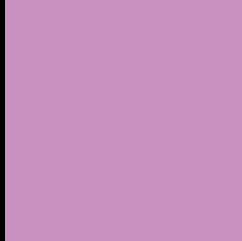
Large Text (above 18pt) WCAG AA × Fail

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 43.6168, 36.4299, 54.0230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

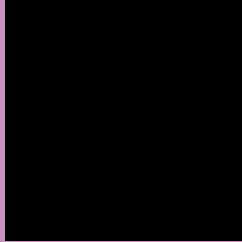
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6168, 36.4299, 54.0230

Background



This preview shows how black text looks on a background with the XYZ color 43.6168, 36.4299, 54.0230.



This preview shows how white text looks on a background with the XYZ color 43.6168, 36.4299,

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

43.6168, 36.4299, 54.0230

Protanopia

36.5424, 36.5263, 61.0014

Deuteranopia

37.4116, 36.6426, 52.6779



Tritanopia

40.4539, 36.2916, 39.0553

Trichromacy



Original Color

43.6168, 36.4299, 54.0230

Protanomaly

38.4920, 36.0660, 58.3588

Deuteranomaly

39.3313, 36.3690, 53.0911

Tritanomaly

41.4214, 36.2027, 44.3398

Monochromacy



Original Color

43.6168, 36.4299, 54.0230

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.8250, 37.5146, 46.2690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6168, 36.4299, 54.0230 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(201, 145, 191)` looks like.

```
.text, #text, p{  
    color:rgb(201, 145, 191)  
}
```

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(201, 145, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 145, 191) }
```

Border

The CSS property to change the border of an element to XYZ 43.6168, 36.4299, 54.0230 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(201, 145, 191) }
```


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

```
.border{ border-color:rgb(201, 145, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 145, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 145, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 145, 191);  
box-shadow:4px 4px 4px 4px rgb(201, 145,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6168, 36.4299, 54.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 145, 191) }
```

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

```
.background{ background-color: rgb(201,  
145, 191) }
```

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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