

Converting Colors

XYZ(43.2827, 36.2981, 52.8116)

Have a look what the booklet for
XYZ(43.2827, 36.2981, 52.8116)
contains.

XYZ(43.3981, 36.3424, 52.8716)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.3981, 36.3424,
52.8716)**

Conversions

Conversions Part 1

Format	Color
Hex	C991BD
RGB	201, 145, 189
RGB Percent	79%, 57%, 74%
CMY	0.2118, 0.4314, 0.2588
CMYK	0.00, 0.28, 0.06, 0.21
HSL	313°, 34%, 68%
HSV	313°, 28%, 79%
XYZ	43.3981, 36.3424, 52.8716
YIQ	166.7600, 19.2520, 25.5560

Conversions

Conversions Part 2

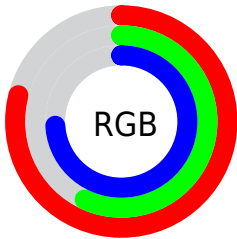
Format	Color
R_{YB}	201, 145, 189
Decimal	13210045
CIE _{Lab}	66.78, 28.20, -14.47
CIE _{LCh}	67, 31.701, 332.834
Yxy	36.3424, 0.3273, 0.2741
Android (android.graphics.Color)	4291400125 (0xFFC991BD)
YUV	166.7600, 10.9643, 30.0285
Hunter-Lab	60.2847, 23.0016, -9.8000

Details

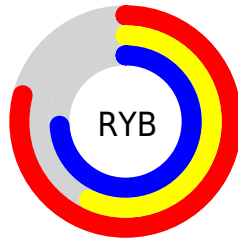
The XYZ color **43.3981, 36.3424, 52.8716** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.6510, 50.2284, 39.5583**, and the grayscale version is **36.5566, 38.4604, 41.8833**.

A 20% lighter version of the original color is **78.1449, 68.6994, 95.5278**, and **20.3007, 15.8940, 25.2904** is the 20% darker color. If you saturate the color by 10%, you get **40.1338, 30.5506, 49.5110**, and if you desaturate by 10%, it is **47.2218, 43.2297, 56.4880**.

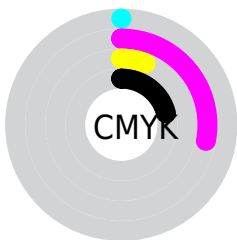
Distribution



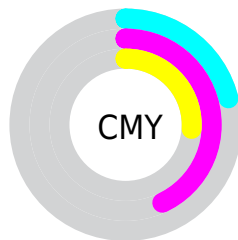
- Red (79%)
- Green (57%)
- Blue (74%)



- Red (79%)
- Yellow (57%)
- Blue (74%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (21%)





- Cyan (21%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3981, 36.3424, 52.8716 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 43.3981, 36.3424, 52.8716 by changing the saturation by 10% instead.


 43.3981, 36.3424,
52.8716


 43.3981, 36.3424,
52.8716


351.1402,
330.4546, 414.8446

 30.3935, 24.6988,
37.3133


 79.5632, 69.5602,
95.8550

 20.2870, 15.8528,
25.1524


 103.4545, 91.9032,
124.1172

 12.7133, 9.4200,
15.9706


131.7052,
118.5814, 157.4511

 7.3071, 5.0161,
9.3492

164.6810,
149.9792, 196.2752

 3.7029, 2.2567,
4.8698

202.7470,
186.4811, 241.0080

 1.5355, 0.7507,
2.1136

246.2686,

 0.3498, 0.0000,

228.4713, 292.0682

0.6239

295.6112,
276.3344, 349.8742

■ 0.0000, 0.0000,
0.0000

■ 43.3981, 36.3424,
52.8716

■ 43.3981, 36.3424,
52.8716

■ 40.1338, 30.5506,
49.5110

■ 47.2218, 43.2297,
56.4880

■ 37.3970, 25.7920,
46.3938

■ 51.6283, 51.2608,
60.3673

■ 35.1572, 22.0059,
43.5096

■ 56.6436, 60.4870,
64.5193

■ 33.3798, 19.1227,
40.8463

■ 62.2912, 70.9548,
68.9523

■ 32.0253, 17.0640,
38.3900

■ 68.5932, 82.7086,
73.6741

■ 31.0476, 15.7376,
36.1250

■ 72.0936, 88.8360,
77.5335

■ 30.3793, 15.0090,
34.0279

■ 72.6541, 89.0602,
80.4848

■ 30.2529, 14.8837,
33.5928

■ 73.2292, 89.2903,
83.5134

■ 73.8191, 89.5262,
86.6199

Harmonies

Analogous

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



39.7787, 36.3424, 66.1182



43.3981, 36.3424, 52.8716



44.5781, 36.3424, 38.2813

Triad

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



43.3981, 36.3424, 52.8716



34.0892, 36.3424, 18.6455



27.3695, 36.3424, 55.6583

Complementary

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



43.3981, 36.3424, 52.8716



38.6510, 50.2284, 39.5583

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.



26.1386, 36.3424, 40.8887



43.3981, 36.3424, 52.8716



29.7870, 36.3424, 21.2930

Square

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



43.3981, 36.3424, 52.8716



38.9188, 36.3424, 20.4421



26.9816, 36.3424, 28.7115



30.5070, 36.3424, 67.9709

Rectangle

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



43.3981, 36.3424, 52.8716



43.7415, 36.3424, 30.1950



26.9816, 36.3424, 28.7115



26.7329, 36.3424, 50.7103

Sweetspot

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



43.3992, 36.3440, 52.8724



88.1880, 87.3895, 103.1797



34.4186, 31.5576, 59.5362



18.6162, 18.2298, 21.8618



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.



43.3992, 36.3440, 52.8724



71.0558, 56.4416, 87.2444



40.7179, 35.2715, 38.7529



10.9820, 10.7762, 12.8885



19.0564, 9.3721, 21.3048



0.9273, 0.4538, 1.1404

Inverse Universe

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



43.3992, 36.3440, 52.8724



71.0558, 56.4416, 87.2444



41.2377, 51.2631, 53.1799



10.9820, 10.7762, 12.8885



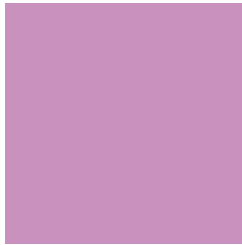
19.0564, 9.3721, 21.3048



0.9273, 0.4538, 1.1404

Previews

White Background



This preview shows how the XYZ color 43.3981, 36.3424, 52.8716 looks on a white background.

Color Contrast Check

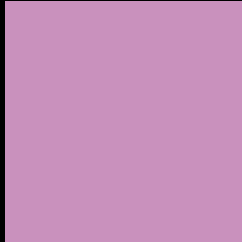
Large Text (above 18pt) WCAG AA × Fail

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 43.3981, 36.3424, 52.8716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

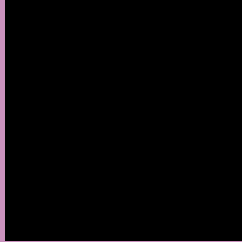
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3981, 36.3424, 52.8716

Background



This preview shows how black text looks on a background with the XYZ color 43.3981, 36.3424, 52.8716.



This preview shows how white text looks on a background with the XYZ color 43.3981, 36.3424,

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

43.3981, 36.3424, 52.8716

Protanopia

36.4966, 36.5299, 59.7710

Deuteranopia

37.1974, 36.5569, 51.5501



Tritanopia

40.4539, 36.2916, 39.0553

Trichromacy



Original Color

43.3981, 36.3424, 52.8716

Protanomaly

38.4797, 36.0861, 57.1618

Deuteranomaly

39.1156, 36.2828, 51.9554

Tritanomaly

41.3250, 36.1641, 43.8320

Monochromacy



Original Color

43.3981, 36.3424, 52.8716

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.7264, 37.4751, 45.7498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3981, 36.3424, 52.8716 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(201, 145, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 145, 189) }
```

Border

The CSS property to change the border of an element to XYZ 43.3981, 36.3424, 52.8716 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, 189) }
```


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

```
.border{ border-color:rgb(201, 145, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 145, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 145, 189);  
box-shadow:4px 4px 4px 4px rgb(201, 145,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3981, 36.3424, 52.8716 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, 189) }
```

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

```
.background{ background-color: rgb(201,  
145, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor