

Converting Colors

XYZ(44.0087, 36.7116, 52.5302)

Have a look what the booklet for
XYZ(44.0087, 36.7116, 52.5302)
contains.

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Color

**XYZ(43.8311, 36.5781,
52.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	CB91BC
RGB	203, 145, 188
RGB Percent	80%, 57%, 74%
CMY	0.2039, 0.4314, 0.2627
CMYK	0.00, 0.29, 0.07, 0.20
HSL	316°, 36%, 68%
HSV	316°, 29%, 80%
XYZ	43.8311, 36.5781, 52.3271
YIQ	167.2440, 20.7650, 25.6690

Conversions

Conversions Part 2

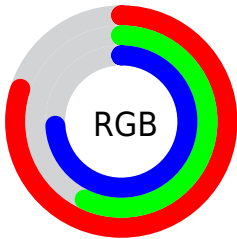
Format	Color
R_{YB}	203, 145, 188
Decimal	13341116
CIE _{Lab}	66.96, 28.71, -13.62
CIE _{LCh}	67, 31.780, 334.614
Yxy	36.5781, 0.3302, 0.2756
Android (android.graphics.Color)	4291531196 (0xFFCB91BC)
YUV	167.2440, 10.2327, 31.3580
Hunter-Lab	60.4798, 23.5233, -8.9618

Details

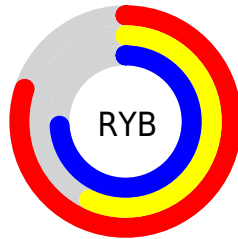
The XYZ color **43.8311, 36.5781, 52.3271** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.3796, 51.2708, 41.0806**, and the grayscale version is **36.7950, 38.7112, 42.1565**.

A 20% lighter version of the original color is **77.9926, 68.6385, 94.7259**, and **20.5886, 16.0506, 24.9346** is the 20% darker color. If you saturate the color by 10%, you get **40.4465, 30.6977, 48.4572**, and if you desaturate by 10%, it is **47.7928, 43.5785, 56.4917**.

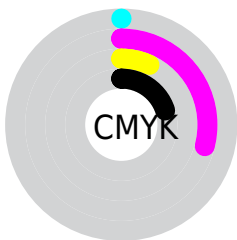
Distribution



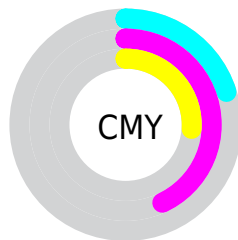
- Red (80%)
- Green (57%)
- Blue (74%)



- Red (80%)
- Yellow (57%)
- Blue (74%)



- Cyan (0%)
- Magenta (29%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8311, 36.5781, 52.3271 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 43.8311, 36.5781, 52.3271 by changing the saturation by 10% instead.


 43.8311, 36.5781,
52.3271


 43.8311, 36.5781,
52.3271


352.8825,
331.4803, 412.6909

 30.7351, 24.8810,
36.8818


 80.2115, 69.9234,
95.0450

 20.5480, 15.9884,
24.8209

 104.2265, 92.3404,
123.1546

 12.9046, 9.5160,
15.7259


132.6119,
119.0995, 156.3228

 7.4394, 5.0792,
9.1781

165.7331,
150.5851, 194.9681

 3.7872, 2.2938,
4.7592

203.9554,
187.1816, 239.5090

 1.5824, 0.7704,
2.0504

247.6442,

 0.3809, 0.0000,

229.2734, 290.3641

0.5860

297.1647,
277.2448, 347.9519

■ 0.0000, 0.0000,
0.0000

■ 43.8311, 36.5781,
52.3271

■ 43.8311, 36.5781,
52.3271

■ 40.4465, 30.6977,
48.4572

■ 47.7928, 43.5785,
56.4917

■ 37.6058, 25.8732,
44.8688

■ 52.3557, 51.7486,
60.9590

■ 35.2777, 22.0417,
41.5507

■ 57.5467, 61.1412,
65.7394

■ 33.4263, 19.1314,
38.4899

■ 63.3900, 71.8045,
70.8419

■ 32.0105, 17.0610,
35.6715

■ 69.9085, 83.7839,
76.2752

■ 30.9824, 15.7348,
33.0784

■ 73.2415, 89.3577,
80.7533

■ 30.2665, 15.0021,
30.6844

■ 73.9459, 89.6395,
84.4630

■ 30.1741, 14.9147,
30.3529

■ 74.6724, 89.9301,
88.2886

■ 75.4211, 90.2296,
92.2312

Harmonies

Analogous

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



40.3021, 36.5781, 65.9141



43.8311, 36.5781, 52.3271



44.8484, 36.5781, 37.7300

Triad

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



43.8311, 36.5781, 52.3271



34.0261, 36.5781, 18.7940



27.6820, 36.5781, 56.8903

Complementary

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



43.8311, 36.5781, 52.3271



39.3796, 51.2708, 41.0806

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.



26.3213, 36.5781, 42.0010



43.8311, 36.5781, 52.3271



29.7623, 36.5781, 21.7308

Square

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



43.8311, 36.5781, 52.3271



38.8937, 36.5781, 20.3359



27.0464, 36.5781, 29.4958



30.9419, 36.5781, 68.9471

Rectangle

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



43.8311, 36.5781, 52.3271



43.8928, 36.5781, 29.7623



27.0464, 36.5781, 29.4958



27.0018, 36.5781, 51.9387

Sweetspot

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



43.8322, 36.5797, 52.3279



87.2196, 85.8449, 101.6478



35.3039, 31.9866, 60.8139



18.4154, 17.9191, 21.5147



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.



43.8322, 36.5797, 52.3279



69.9455, 55.2352, 83.7485



41.0568, 35.4696, 37.7129



11.5588, 11.3523, 13.4773



19.2412, 9.5071, 19.5206



1.0225, 0.5024, 1.1642

Inverse Universe

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



43.8322, 36.5797, 52.3279



69.9455, 55.2352, 83.7485



42.1654, 52.3851, 55.7501



11.5588, 11.3523, 13.4773



19.2412, 9.5071, 19.5206



1.0225, 0.5024, 1.1642

Previews

White Background



This preview shows how the XYZ color 43.8311, 36.5781, 52.3271 looks on a white background.

Color Contrast Check

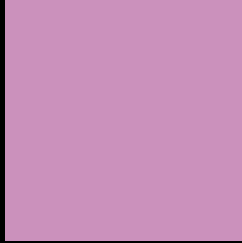
Large Text (above 18pt) WCAG AA × Fail

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 43.8311, 36.5781, 52.3271 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 43.8311, 36.5781, 52.3271

Background



This preview shows how black text looks on a background with the XYZ color 43.8311, 36.5781, 52.3271.



This preview shows how white text looks on a background with the XYZ color 43.8311, 36.5781,

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

43.8311, 36.5781, 52.3271

Protanopia

36.7467, 36.9327, 59.2248

Deuteranopia

37.5173, 36.7341, 51.0120



Tritanopia

41.1588, 36.6653, 38.6260

Trichromacy



Original Color

43.8311, 36.5781, 52.3271

Protanomaly

38.7521, 36.4877, 56.6301

Deuteranomaly

39.4746, 36.4801, 51.4152

Tritanomaly

42.0280, 36.5376, 43.3654

Monochromacy



Original Color

43.8311, 36.5781, 52.3271

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.9584, 37.5947, 45.7606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8311, 36.5781, 52.3271 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(203, 145, 188)` looks like.

```
.text, #text, p{  
    color:rgb(203, 145, 188)  
}
```

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(203, 145, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 145, 188) }
```

Border

The CSS property to change the border of an element to XYZ 43.8311, 36.5781, 52.3271 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(203, 145, 188) }
```


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

```
.border{ border-color:rgb(203, 145, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 145, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 145, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 145, 188);  
box-shadow:4px 4px 4px 4px rgb(203, 145,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8311, 36.5781, 52.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 145, 188) }
```

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

```
.background{ background-color: rgb(203,  
145, 188) }
```

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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