

Converting Colors

XYZ(43.4521, 34.9243, 55.6069)

Have a look what the booklet for
XYZ(43.4521, 34.9243, 55.6069)
contains.

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Color

**XYZ(43.5988, 35.0568,
55.5077)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8BC2
RGB	203, 139, 194
RGB Percent	80%, 55%, 76%
CMY	0.2039, 0.4549, 0.2392
CMYK	0.00, 0.32, 0.04, 0.20
HSL	308°, 38%, 67%
HSV	308°, 32%, 80%
XYZ	43.5988, 35.0568, 55.5077
YIQ	164.4060, 20.4890, 30.6730

Conversions

Conversions Part 2

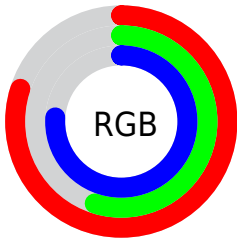
Format	Color
R _Y B	203, 139, 194
Decimal	13339586
CIE Lab	65.79, 33.05, -18.75
CIE LCh	66, 38.001, 330.440
Yxy	35.0568, 0.3250, 0.2613
Android (android.graphics.Color)	4291529666 (0xFFCB8BC2)
YUV	164.4060, 14.5898, 33.8469
Hunter-Lab	59.2088, 27.8243, -14.1377

Details

The XYZ color **43.5988, 35.0568, 55.5077** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.3501, 50.3400, 35.7670**, and the grayscale version is **35.4067, 37.2506, 40.5659**.

A 20% lighter version of the original color is **77.7226, 66.3650, 99.9801**, and **20.4361, 15.1688, 26.6617** is the 20% darker color. If you saturate the color by 10%, you get **40.6107, 29.5881, 52.9452**, and if you desaturate by 10%, it is **47.1410, 41.6225, 58.2861**.

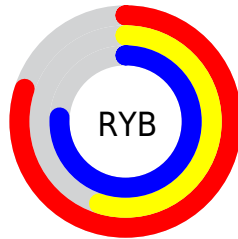
Distribution



Red (80%)

Green (55%)

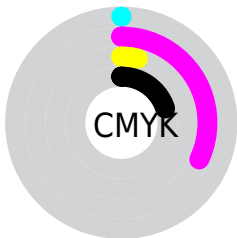
Blue (76%)



Red (80%)

Yellow (55%)

Blue (76%)

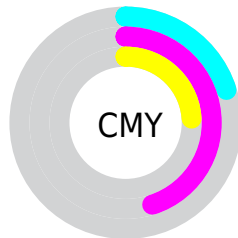


Cyan (0%)

Magenta (32%)

Yellow (4%)

Black (20%)



Cyan (20%)


Magenta (45%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5988, 35.0568, 55.5077 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 43.5988, 35.0568, 55.5077 by changing the saturation by 10% instead.


 43.5988, 35.0568,
55.5077

 43.5988, 35.0568,
55.5077


351.9485,
324.8190, 425.1696


 30.5518, 23.7066,
39.4070


 79.8638, 67.5738,
99.7630

 20.4079, 15.1161,
26.7662


 103.8125, 89.5093,
128.7547

 12.8019, 8.9009,
17.1669

 132.1257,
115.7422, 162.8805

 7.3683, 4.6766,
10.1903

165.1690,
146.6566, 202.5589

 3.7419, 2.0588,
5.4181

203.3075,
182.6372, 248.2085

 1.5572, 0.6413,
2.4316

246.9067,

 0.3642, 0.0000,

224.0681, 300.2478

0.8036

296.3319,
271.3339, 359.0953

■ 0.0000, 0.0000,
0.0000

■ 43.5988, 35.0568,
55.5077

■ 43.5988, 35.0568,
55.5077

■ 40.6107, 29.5881,
52.9452

■ 47.1410, 41.6225,
58.2861

■ 38.1430, 25.1513,
50.5860

■ 51.2620, 49.3365,
61.2876

■ 36.1638, 21.6815,
48.4197

■ 55.9890, 58.2524,
64.5218

■ 34.6358, 19.1046,
46.4336

■ 61.3462, 68.4189,
67.9970

■ 33.5166, 17.3355,
44.6136

■ 67.3570, 79.8824,
71.7211

■ 32.7555, 16.2731,
42.9425

■ 72.1631, 88.9263,
75.0748

■ 32.3130, 15.7703,
41.6167

■ 72.5246, 89.0709,
76.9784

■ 72.8925, 89.2181,
78.9156

■ 73.2668, 89.3678,
80.8867

Harmonies

Analogous

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



39.0827, 35.0568, 71.4349



43.5988, 35.0568, 55.5077



45.2978, 35.0568, 37.9346

Triad

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



43.5988, 35.0568, 55.5077



33.2378, 35.0568, 14.8820



24.8675, 35.0568, 56.0359

Complementary

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



43.5988, 35.0568, 55.5077



37.3501, 50.3400, 35.7670

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.



23.6657, 35.0568, 38.4082



43.5988, 35.0568, 55.5077



28.1543, 35.0568, 17.2687

Square

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



43.5988, 35.0568, 55.5077



38.9237, 35.0568, 17.1296



24.7995, 35.0568, 24.8817



28.2825, 35.0568, 71.7951

Rectangle

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



43.5988, 35.0568, 55.5077



44.4708, 35.0568, 28.3770



24.7995, 35.0568, 24.8817



24.2096, 35.0568, 49.9930

Sweetspot

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



43.5999, 35.0584, 55.5084



87.6453, 86.0152, 103.8897



32.1422, 29.0313, 60.4101



18.5208, 17.9612, 22.0699



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.



43.5999, 35.0584, 55.5084



69.4168, 52.1210, 89.9128



40.4256, 33.7887, 38.7931



11.6171, 11.3756, 13.7840



20.5891, 10.0462, 26.6186



1.0813, 0.5259, 1.4739

Inverse Universe

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



43.5999, 35.0584, 55.5084



69.4168, 52.1210, 89.9128



40.1954, 51.4781, 50.7502



11.6171, 11.3756, 13.7840



20.5891, 10.0462, 26.6186



1.0813, 0.5259, 1.4739

Previews

White Background



This preview shows how the XYZ color 43.5988, 35.0568, 55.5077 looks on a white background.

Color Contrast Check

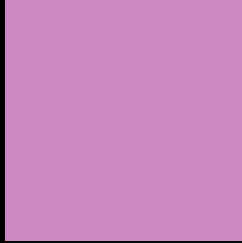
Large Text (above 18pt) WCAG AA × Fail

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 43.5988, 35.0568, 55.5077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

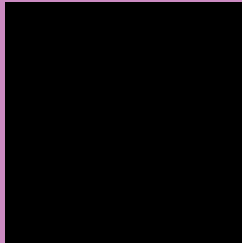
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5988, 35.0568, 55.5077

Background



This preview shows how black text looks on a background with the XYZ color 43.5988, 35.0568, 55.5077.



This preview shows how white text looks on a background with the XYZ color 43.5988, 35.0568,

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

43.5988, 35.0568, 55.5077

Protanopia

35.6446, 35.2108, 64.5922

Deuteranopia

35.9904, 35.1156, 54.1713



Tritanopia

39.6534, 34.9979, 36.5636

Trichromacy



Original Color

43.5988, 35.0568, 55.5077

Protanomaly

37.7825, 34.6605, 61.1987

Deuteranomaly

38.3253, 34.8486, 54.5757

Tritanomaly

40.8976, 34.8266, 42.5969

Monochromacy



Original Color

43.5988, 35.0568, 55.5077

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.8193, 36.0028, 45.5134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5988, 35.0568, 55.5077 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, 139, 194)` looks like.

```
.text, #text, p{  
    color:rgb(203, 139, 194)  
}
```

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, 139, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 139, 194) }
```

Border

The CSS property to change the border of an element to XYZ 43.5988, 35.0568, 55.5077 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, 139, 194) }
```


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

```
.border{ border-color:rgb(203, 139, 194) }
```

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

Here you see how a box with a 4 pixel rgb(203, 139, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 139, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 139, 194);  
box-shadow:4px 4px 4px 4px rgb(203, 139,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5988, 35.0568, 55.5077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 139, 194) }
```

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

```
.background{ background-color: rgb(203,  
139, 194) }
```

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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