

Converting Colors

XYZ(44.3353, 36.4429, 59.9558)

Have a look what the booklet for
XYZ(44.3353, 36.4429, 59.9558)
contains.

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Color

**XYZ(44.3353, 36.4429,
59.9558)**

Conversions

Conversions Part 1

Format	Color
Hex	C890C9
RGB	200, 144, 201
RGB Percent	78%, 56%, 79%
CMY	0.2157, 0.4353, 0.2118
CMYK	0.00, 0.28, 0.00, 0.21
HSL	299°, 35%, 68%
HSV	299°, 28%, 79%
XYZ	44.3353, 36.4429, 59.9558
YIQ	167.2420, 15.0790, 29.5990

Conversions

Conversions Part 2

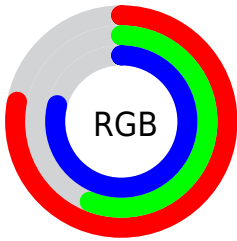
Format	Color
R_{YB}	200, 144, 201
Decimal	13144265
CIE _{Lab}	66.86, 30.63, -21.07
CIE _{LCh}	67, 37.176, 325.472
Yxy	36.4429, 0.3150, 0.2589
Android (android.graphics.Color)	4291334345 (0xFFC890C9)
YUV	167.2420, 16.6427, 28.7288
Hunter-Lab	60.3680, 25.4497, -16.6276

Details

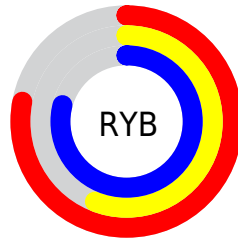
The XYZ color **44.3353, 36.4429, 59.9558** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.5989, 49.8075, 34.0195**, and the grayscale version is **36.7657, 38.6804, 42.1230**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **20.8579, 15.9550, 29.5841** is the 20% darker color. If you saturate the color by 10%, you get **41.4642, 30.8395, 59.0261**, and if you desaturate by 10%, it is **47.7509, 43.1336, 61.0677**.

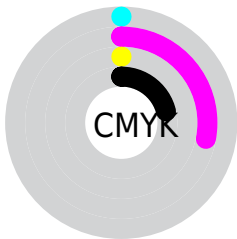
Distribution



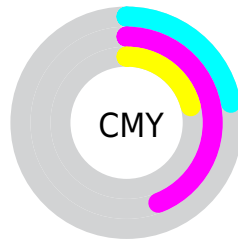
- Red (78%)
- Green (56%)
- Blue (79%)



- Red (78%)
- Yellow (56%)
- Blue (79%)



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



- Cyan (22%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3353, 36.4429, 59.9558 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 44.3353, 36.4429, 59.9558 by changing the saturation by 10% instead.

■ 44.3353, 36.4429,
59.9558

■ 44.3353, 36.4429,
59.9558

354.9039,
330.8923, 442.2349

■ 31.1332, 24.7764,
42.9579

■ 80.9653, 69.7151,
106.3083

■ 20.8526, 15.9106,
29.5210

■ 105.1239, 92.0897,
136.5000

■ 13.1282, 9.4609,
19.2263

133.6654,
118.8024, 171.9268

■ 7.5945, 5.0430,
11.6555

166.9552,
150.2377, 213.0071

■ 3.8862, 2.2725,
6.3898

205.3586,
186.7799, 260.1595

■ 1.6379, 0.7591,
3.0110

249.2409,

■ 0.4170, 0.0000,

228.8135, 313.8026

1.1002

298.9676,
276.7228, 374.3549

■ 0.0000, 0.0000,
0.0000

■ 44.3353, 36.4429,
59.9558

■ 44.3353, 36.4429,
59.9558

■ 41.4642, 30.8395,
59.0261

■ 47.7509, 43.1336,
61.0677

■ 39.1053, 26.2611,
58.2667

■ 51.7343, 50.9600,
62.3684

■ 37.2285, 22.6464,
57.6679

■ 56.3113, 59.9734,
63.8670

■ 35.7988, 19.9257,
57.2181

■ 61.5054, 70.2208,
65.5712

■ 34.7768, 18.0200,
56.9041

■ 67.3387, 81.7463,
67.4884

■ 34.1161, 16.8364,
56.7105

■ 70.6913, 88.3099,
68.5786

■ 33.7447, 16.2314,
56.6133

■ 70.7868, 88.3591,
68.5830

■ 33.6936, 16.1518,
56.6006

■ 70.8826, 88.4085,
68.5875

■ 70.9786, 88.4580,
68.5920

Harmonies

Analogous

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



39.5013, 36.4429, 74.7319



44.3353, 36.4429, 59.9558



46.5784, 36.4429, 42.1760

Triad

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



44.3353, 36.4429, 59.9558



35.4988, 36.4429, 16.1172



25.7616, 36.4429, 54.5499

Complementary

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



44.3353, 36.4429, 59.9558



37.5989, 49.8075, 34.0195

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.



24.9352, 36.4429, 37.2847



44.3353, 36.4429, 59.9558



30.1910, 36.4429, 17.7692

Square

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



44.3353, 36.4429, 59.9558



41.1376, 36.4429, 19.2393



26.4689, 36.4429, 24.5842



28.8616, 36.4429, 71.0642

Rectangle

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



44.3353, 36.4429, 59.9558



46.1433, 36.4429, 31.9764



26.4689, 36.4429, 24.5842



25.2241, 36.4429, 48.5313

Sweetspot

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



44.3364, 36.4445, 59.9566



88.0128, 86.1451, 106.5966



32.3092, 30.6750, 59.4769



18.6120, 17.9935, 22.7421



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.



44.3364, 36.4445, 59.9566



72.7910, 56.3090, 101.6400



41.7408, 35.4372, 44.8905



11.0640, 10.8068, 13.4203



21.1937, 10.1600, 35.5884



1.0095, 0.4842, 1.6854

Inverse Universe

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



39.1727, 34.4099, 31.3668



62.5368, 52.2716, 44.7345



39.7021, 50.6285, 46.0096



10.6413, 10.6399, 11.0943



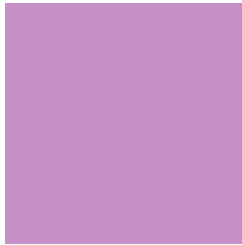
15.1609, 7.8139, 0.7913



0.7206, 0.3711, 0.0516

Previews

White Background



This preview shows how the XYZ color 44.3353, 36.4429, 59.9558 looks on a white background.

Color Contrast Check

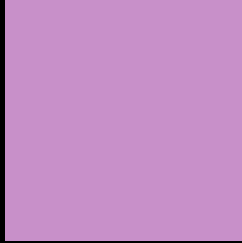
Large Text (above 18pt) WCAG AA × Fail

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 44.3353, 36.4429, 59.9558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

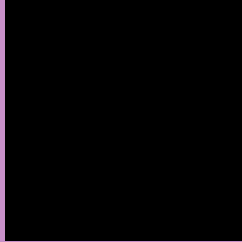
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3353, 36.4429, 59.9558

Background



This preview shows how black text looks on a background with the XYZ color 44.3353, 36.4429, 59.9558.



This preview shows how white text looks on a background with the XYZ color 44.3353, 36.4429,

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

44.3353, 36.4429, 59.9558

Protanopia

37.1495, 36.6834, 68.0734

Deuteranopia

37.2891, 36.4506, 58.4964



Tritanopia

40.1831, 36.3797, 39.5544

Trichromacy



Original Color

44.3353, 36.4429, 59.9558

Protanomaly

39.3784, 36.3710, 65.2664

Deuteranomaly

39.5436, 36.3487, 58.9647

Tritanomaly

41.5517, 36.2245, 46.3970

Monochromacy



Original Color

44.3353, 36.4429, 59.9558

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.1252, 37.6347, 47.8499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3353, 36.4429, 59.9558 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(200, 144, 201)` looks like.

```
.text, #text, p{  
    color:rgb(200, 144, 201)  
}
```

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(200, 144, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 144, 201) }
```

Border

The CSS property to change the border of an element to XYZ 44.3353, 36.4429, 59.9558 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(200, 144, 201) }
```


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

```
.border{ border-color:rgb(200, 144, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 144, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 144, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 144, 201);  
box-shadow:4px 4px 4px 4px rgb(200, 144,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3353, 36.4429, 59.9558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 144, 201) }
```

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

```
.background{ background-color: rgb(200,  
144, 201) }
```

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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