

Converting Colors

XYZ(44.0076, 36.0209, 59.2271)

Have a look what the booklet for
XYZ(44.0076, 36.0209, 59.2271)
contains.

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Color

**XYZ(44.0672, 36.0944,
59.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	C88FC8
RGB	200, 143, 200
RGB Percent	78%, 56%, 78%
CMY	0.2157, 0.4392, 0.2157
CMYK	0.00, 0.28, 0.00, 0.22
HSL	300°, 34%, 67%
HSV	300°, 28%, 78%
XYZ	44.0672, 36.0944, 59.2879
YIQ	166.5410, 15.6750, 29.8110

Conversions

Conversions Part 2

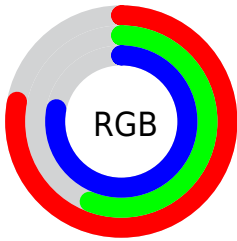
Format	Color
R_{YB}	200, 143, 200
Decimal	13144008
CIE _{Lab}	66.59, 30.99, -20.92
CIE _{LCh}	67, 37.386, 325.979
Yxy	36.0944, 0.3160, 0.2588
Android (android.graphics.Color)	4291334088 (0xFFC88FC8)
YUV	166.5410, 16.4953, 29.3435
Hunter-Lab	60.0786, 25.7908, -16.4546

Details

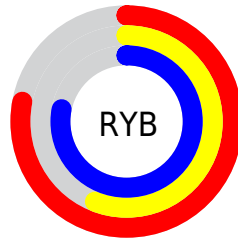
The XYZ color **44.0672, 36.0944, 59.2879** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.9414, 49.1325, 33.5251**, and the grayscale version is **36.4256, 38.3226, 41.7333**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **20.6925, 15.7494, 29.1434** is the 20% darker color. If you saturate the color by 10%, you get **41.3287, 30.6167, 58.3754**, and if you desaturate by 10%, it is **47.3432, 42.6457, 60.3804**.

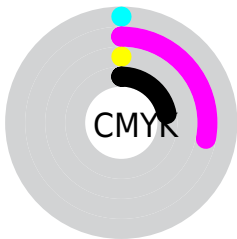
Distribution



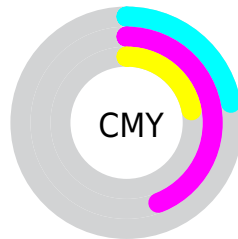
- Red (78%)
- Green (56%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0672, 36.0944, 59.2879 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 44.0672, 36.0944, 59.2879 by changing the saturation by 10% instead.

■ 44.0672, 36.0944,
59.2879

■ 44.0672, 36.0944,
59.2879

353.8300,
329.3730, 439.6995

■ 30.9215, 24.5071,
42.4234

■ 80.5646, 69.1777,
105.3292

■ 20.6906, 15.7102,
29.1049

■ 104.6469, 91.4426,
135.3431

■ 13.0092, 9.3193,
18.9139

133.1056,
118.0354, 170.5772

■ 7.5119, 4.9501,
11.4319

166.3058,
149.3406, 211.4500

■ 3.8334, 2.2180,
6.2403

204.6130,
185.7426, 258.3801

■ 1.6083, 0.7298,
2.9206

248.3925,

■ 0.3978, 0.0000,

227.6257, 311.7860

1.0542

298.0098,
275.3743, 372.0863

■ 0.0000, 0.0000,
0.0000

■ 44.0672, 36.0944,
59.2879

■ 44.0672, 36.0944,
59.2879

■ 41.3287, 30.6167,
58.3754

■ 47.3432, 42.6457,
60.3804

■ 39.0958, 26.1510,
57.6310

■ 51.1797, 50.3187,
61.6593

■ 37.3387, 22.6368,
57.0452

■ 55.6023, 59.1639,
63.1336

■ 36.0228, 20.0051,
56.6064

■ 60.6343, 69.2278,
64.8111

■ 35.1091, 18.1777,
56.3018

■ 66.2974, 80.5540,
66.6989

■ 34.5516, 17.0626,
56.1158

■ 70.0053, 87.9698,
67.9349

■ 34.2777, 16.5149,
56.0244

■ 70.0053, 87.9698,
67.9350

■ 34.2451, 16.4497,
56.0135

■ 70.0054, 87.9698,
67.9351

■ 70.0054, 87.9698,
67.9352

Harmonies

Analogous

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



39.2622, 36.0944, 74.2109



44.0672, 36.0944, 59.2879



46.2572, 36.0944, 41.5115

Triad

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



44.0672, 36.0944, 59.2879



35.0702, 36.0944, 15.8036



25.4789, 36.0944, 54.4788

Complementary

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



44.0672, 36.0944, 59.2879



36.9414, 49.1325, 33.5251

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.



24.6150, 36.0944, 37.1698



44.0672, 36.0944, 59.2879



29.7867, 36.0944, 17.5251

Square

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



44.0672, 36.0944, 59.2879



40.7161, 36.0944, 18.8228



26.1055, 36.0944, 24.4013



28.6078, 36.0944, 70.9439

Rectangle

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



44.0672, 36.0944, 59.2879



45.7816, 36.0944, 31.3806



26.1055, 36.0944, 24.4013



24.9297, 36.0944, 48.4524

Sweetspot

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



44.0683, 36.0960, 59.2887



88.1607, 86.2214, 106.6034



31.5771, 29.6565, 58.7044



18.6488, 18.0124, 22.7438



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.



44.0683, 36.0960, 59.2887



73.3480, 56.5961, 101.6654



41.0416, 34.8853, 43.3503



11.0832, 10.8166, 13.4211



21.7739, 10.4591, 35.6149



1.0310, 0.4952, 1.6864

Inverse Universe

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



44.0683, 36.0960, 59.2887



73.3480, 56.5961, 101.6654



39.3818, 50.1087, 46.3762



11.0832, 10.8166, 13.4211



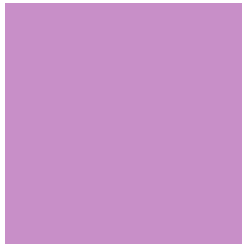
21.7739, 10.4591, 35.6149



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 44.0672, 36.0944, 59.2879 looks on a white background.

Color Contrast Check

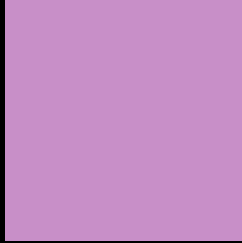
Large Text (above 18pt) WCAG AA × Fail

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 44.0672, 36.0944, 59.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

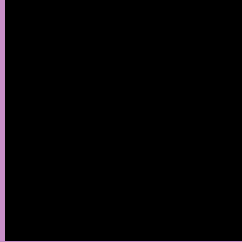
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0672, 36.0944, 59.2879

Background



This preview shows how black text looks on a background with the XYZ color 44.0672, 36.0944, 59.2879.



This preview shows how white text looks on a background with the XYZ color 44.0672, 36.0944,

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

44.0672, 36.0944, 59.2879

Protanopia

36.6672, 36.1910, 67.3403

Deuteranopia

37.1741, 36.4046, 57.8908



Tritanopia

39.9336, 36.0234, 39.0309

Trichromacy



Original Color

44.0672, 36.0944, 59.2879

Protanomaly

38.8771, 35.8808, 64.5511

Deuteranomaly

39.2635, 35.9736, 58.3003

Tritanomaly

41.2961, 35.8723, 45.8218

Monochromacy



Original Color

44.0672, 36.0944, 59.2879

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.9539, 37.2921, 47.7928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0672, 36.0944, 59.2879 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, 143, 200)` looks like.

```
.text, #text, p{  
    color:rgb(200, 143, 200)  
}
```

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, 143, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 143, 200) }
```

Border

The CSS property to change the border of an element to XYZ 44.0672, 36.0944, 59.2879 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, 143, 200) }
```


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

```
.border{ border-color:rgb(200, 143, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 143, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 143, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 143, 200);  
box-shadow:4px 4px 4px 4px rgb(200, 143,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0672, 36.0944, 59.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 143, 200) }
```

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

```
.background{ background-color: rgb(200,  
143, 200) }
```

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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