

Converting Colors

XYZ(39.3656, 29.9671, 67.3278)

Have a look what the booklet for
XYZ(39.3656, 29.9671, 67.3278)
contains.

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Color

**XYZ(39.3656, 29.9671,
67.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	B87ED6
RGB	184, 126, 214
RGB Percent	72%, 49%, 84%
CMY	0.2784, 0.5059, 0.1608
CMYK	0.14, 0.41, 0.00, 0.16
HSL	280°, 52%, 67%
HSV	280°, 41%, 84%
XYZ	39.3656, 29.9671, 67.3278
YIQ	153.3740, 6.3200, 39.6640

Conversions

Conversions Part 2

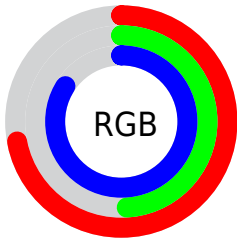
Format	Color
RYB	184, 126, 214
Decimal	12091094
CIELab	61.63, 38.11, -36.55
CIELCh	62, 52.804, 316.195
Yxy	29.9671, 0.2881, 0.2193
Android (android.graphics.Color)	4290281174 (0xFFB87ED6)
YUV	153.3740, 29.8886, 26.8590
Hunter-Lab	54.7422, 32.5620, -34.6016

Details

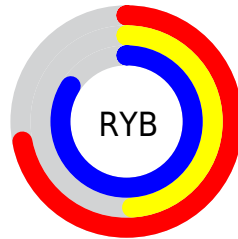
The XYZ color **39.3656, 29.9671, 67.3278** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **41.5237, 56.6682, 28.4895**, and the grayscale version is **30.3140, 31.8926, 34.7311**.

A 20% lighter version of the original color is **70.6469, 58.5633, 102.1881**, and **17.8273, 12.2025, 34.2166** is the 20% darker color. If you saturate the color by 10%, you get **35.2137, 24.1904, 66.4321**, and if you desaturate by 10%, it is **44.1951, 36.9633, 68.4241**.

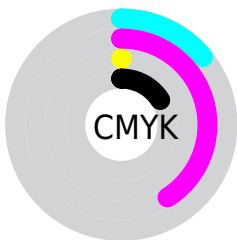
Distribution



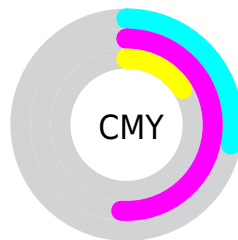
- Red (72%)
- Green (49%)
- Blue (84%)



- Red (72%)
- Yellow (49%)
- Blue (84%)



- Cyan (14%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)





- Cyan (28%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3656, 29.9671, 67.3278 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 39.3656, 29.9671, 67.3278 by changing the saturation by 10% instead.


 39.3656, 29.9671,
67.3278


 39.3656, 29.9671,
67.3278

334.6228,
301.7511, 469.6439


 27.2263, 19.8136,
48.8878


 73.4870, 59.6101,
117.0351

 17.8807, 12.2596,
34.1655


 96.1998, 79.8685,
149.1395

 10.9635, 6.9208,
22.7424


 123.1677,
104.2639, 186.6357

 6.1094, 3.4126,
14.1999

154.7562,
133.1808, 229.9424

 2.9530, 1.3507,
8.1195

191.3306,
167.0036, 279.4780

 1.1290, 0.1800,
4.0826

233.2563,

 0.0491, 0.0000,

206.1166, 335.6611

1.6708

280.8986,
250.9043, 398.9102

■ 0.0000, 0.0000,
0.3406

■ 0.0000, 0.0000,
0.0000

■ 39.3656, 29.9671,
67.3278

■ 39.3656, 29.9671,
67.3278

■ 35.2137, 24.1904,
66.4321

■ 44.1951, 36.9633,
68.4241

■ 31.6971, 19.5533,
65.7224

■ 49.7345, 45.2446,
69.7306

■ 28.7734, 15.9725,
65.1853

■ 56.0180, 54.8763,
71.2586

■ 26.3932, 13.3508,
64.8047

■ 63.0762, 65.9180,
73.0178

■ 24.4975, 11.5726,
64.5614

■ 70.9383, 78.4258,
75.0177

■ 23.1300, 10.5218,
64.4307

■ 79.6314, 92.4527,
77.2670

■ 82.1818, 94.0492,
77.4407

■ 84.6413, 95.3171,
77.5558

■ 87.2007, 96.6365,
77.6756

Harmonies

Analogous

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



32.4119, 29.9671, 85.5435



39.3656, 29.9671, 67.3278



43.6879, 29.9671, 42.7393

Triad

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



39.3656, 29.9671, 67.3278



31.8233, 29.9671, 7.6588



17.3963, 29.9671, 44.6294

Complementary

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



39.3656, 29.9671, 67.3278



41.5237, 56.6682, 28.4895

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.



17.2917, 29.9671, 24.2540



39.3656, 29.9671, 67.3278



24.8848, 29.9671, 7.8185

Square

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



39.3656, 29.9671, 67.3278



38.8741, 29.9671, 11.9398



19.8170, 29.9671, 12.5321



20.1309, 29.9671, 69.1911

Rectangle

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



39.3656, 29.9671, 67.3278



44.1026, 29.9671, 28.6363



19.8170, 29.9671, 12.5321



17.0698, 29.9671, 36.9767

Sweetspot

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



39.3667, 29.9683, 67.3285



82.3190, 80.0815, 105.7263



32.7661, 33.3382, 68.3268



17.3451, 16.7168, 22.5624



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.



39.3667, 29.9683, 67.3285



53.3071, 37.2557, 98.9892



45.7124, 33.4266, 59.1785



12.5228, 12.4109, 15.6730



14.0958, 6.4192, 38.9492



0.9372, 0.4320, 2.3533

Inverse Universe

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



41.1941, 31.6193, 35.3857



56.7379, 40.2420, 44.1331



37.3266, 54.3995, 33.0369



12.5962, 12.4900, 13.8139



17.5319, 8.9491, 4.8390



1.0957, 0.5551, 0.4931

Previews

White Background



This preview shows how the XYZ color 39.3656, 29.9671, 67.3278 looks on a white background.

Color Contrast Check

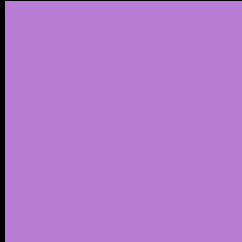
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3656, 29.9671, 67.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

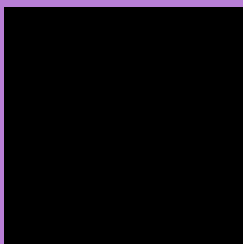
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.3656, 29.9671, 67.3278

Background



This preview shows how black text looks on a background with the XYZ color 39.3656, 29.9671, 67.3278.



This preview shows how white text looks on a background with the XYZ color 39.3656, 29.9671,

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

39.3656, 29.9671, 67.3278

Protanopia

32.1739, 30.1788, 79.7307

Deuteranopia

30.9687, 30.1098, 65.1523



Tritanopia

32.4196, 29.9892, 33.3580

Trichromacy



Original Color

39.3656, 29.9671, 67.3278

Protanomaly

33.9786, 29.6523, 75.1668

Deuteranomaly

33.2032, 29.4643, 65.5652

Tritanomaly

34.6641, 29.8489, 43.9788

Monochromacy



Original Color

39.3656, 29.9671, 67.3278

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.8702, 30.6326, 44.7377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3656, 29.9671, 67.3278 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(184, 126, 214)` looks like.

```
.text, #text, p{  
  color:rgb(184, 126, 214)  
}
```

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(184, 126, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 126, 214) }
```

Border

The CSS property to change the border of an element to XYZ 39.3656, 29.9671, 67.3278 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(184, 126, 214) }
```


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

```
.border{ border-color:rgb(184, 126, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 126, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 126, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 126, 214);  
box-shadow:4px 4px 4px 4px rgb(184, 126,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3656, 29.9671, 67.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 126, 214) }
```

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

```
.background{ background-color: rgb(184,  
126, 214) }
```

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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