

Converting Colors

XYZ(39.1092, 22.9298, 49.1459)

Have a look what the booklet for
XYZ(39.1092, 22.9298, 49.1459)
contains.

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Color

**XYZ(39.2856, 23.0529,
49.3928)**

Conversions

Conversions Part 1

Format	Color
Hex	D64CBB
RGB	214, 76, 187
RGB Percent	84%, 30%, 73%
CMY	0.1608, 0.7019, 0.2667
CMYK	0.00, 0.64, 0.13, 0.16
HSL	312°, 63%, 57%
HSV	312°, 64%, 84%
XYZ	39.2856, 23.0529, 49.3928
YIQ	129.9160, 46.6170, 63.7770

Conversions

Conversions Part 2

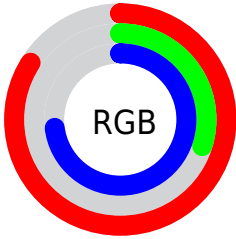
Format	Color
RYB	214, 76, 187
Decimal	14044347
CIELab	55.13, 65.87, -31.04
CIElCh	55, 72.817, 334.768
Yxy	23.0529, 0.3516, 0.2063
Android (android.graphics.Color)	4292234427 (0xFFD64CBB)
YUV	129.9160, 28.1424, 73.7417
Hunter-Lab	48.0134, 62.0289, -27.3839

Details

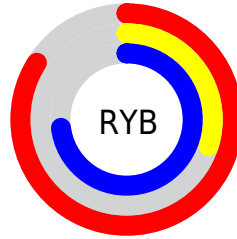
The XYZ color **39.2856, 23.0529, 49.3928** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **29.4764, 50.6097, 21.0490**, and the grayscale version is **21.0818, 22.1797, 24.1537**.

A 20% lighter version of the original color is **65.8052, 44.5061, 89.9162**, and **17.9439, 8.7614, 22.9357** is the 20% darker color. If you saturate the color by 10%, you get **37.6072, 20.4026, 46.6539**, and if you desaturate by 10%, it is **41.4688, 26.6910, 52.3648**.

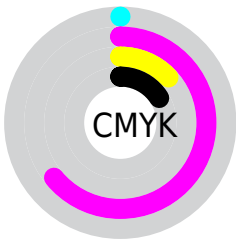
Distribution



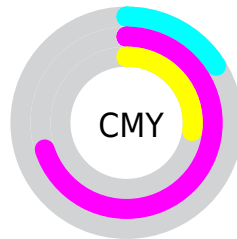
- Red (84%)
- Green (30%)
- Blue (73%)



- Red (84%)
- Yellow (30%)
- Blue (73%)



- Cyan (0%)
- Magenta (64%)
- Yellow (13%)
- Black (16%)





- Cyan (16%)
- Magenta (70%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2856, 23.0529, 49.3928 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 39.2856, 23.0529, 49.3928 by changing the saturation by 10% instead.


 39.2856, 23.0529,
49.3928


 39.2856, 23.0529,
49.3928

334.2895,
267.9966, 400.9535

 27.1637, 14.6326,
34.5634


 73.3657, 48.4802,
90.6616


 17.8334, 8.5619,
23.0459


 96.0546, 66.2559,
117.9380


 10.9294, 4.4566,
14.4218


 122.9966, 87.9189,
150.2006

 6.0863, 1.9321,
8.2725

 154.5569,
113.8536, 187.8677

 2.9388, 0.5676,
4.1795

 191.1010,
144.4443, 231.3581

 1.1215, 0.0000,
1.7243

232.9943,

 0.0430, 0.0000,

180.0754, 281.0901

0.3773

280.6020,
221.1314, 337.4824

■ 0.0000, 0.0000,
0.0000

■ 39.2856, 23.0529,
49.3928

■ 39.2856, 23.0529,
49.3928

■ 37.6072, 20.4026,
46.6539

■ 41.4688, 26.6910,
52.3648

■ 36.3803, 18.6351,
44.1293

■ 44.1985, 31.4012,
55.5838

■ 35.5437, 17.6277,
41.7982

■ 47.5144, 37.2628,
59.0638

■ 35.1905, 17.2797,
40.5751

■ 51.4521, 44.3465,
62.8171

■ 56.0442, 52.7173,
66.8551

■ 61.3209, 62.4358,
71.1885

■ 67.3108, 73.5585,
75.8272

■ 74.0405, 86.1387,
80.7806

■ 77.0394, 91.2353,
84.5590

Harmonies

Analogous

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



32.0745, 23.0529, 82.6600



39.2856, 23.0529, 49.3928



41.4426, 23.0529, 21.5645

Triad

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



39.2856, 23.0529, 49.3928



20.6388, 23.0529, 1.7082



11.4255, 23.0529, 60.2067

Complementary

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



39.2856, 23.0529, 49.3928



29.4764, 50.6097, 21.0490

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.



9.7446, 23.0529, 29.0037



39.2856, 23.0529, 49.3928



14.1594, 23.0529, 3.3734

Square

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



39.2856, 23.0529, 49.3928



29.2630, 23.0529, 2.4892



10.6052, 23.0529, 10.4577



15.9068, 23.0529, 91.1625

Rectangle

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



39.2856, 23.0529, 49.3928



39.3645, 23.0529, 10.6419



10.6052, 23.0529, 10.4577



10.5723, 23.0529, 48.8792

Sweetspot

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



39.2864, 23.0540, 49.3932



80.0049, 72.2923, 96.5402



20.1238, 12.8094, 65.0306



16.7093, 14.7179, 20.2954



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.



39.2864, 23.0540, 49.3932



55.2561, 29.3401, 68.1116



33.6890, 20.8151, 19.9178



12.8440, 12.5891, 15.1188



21.3076, 10.4593, 24.7214



1.3124, 0.6418, 1.6346

Inverse Universe

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



39.2864, 23.0540, 49.3932



55.2561, 29.3401, 68.1116



34.3122, 52.5440, 46.5141



12.8440, 12.5891, 15.1188



21.3076, 10.4593, 24.7214



1.3124, 0.6418, 1.6346

Previews

White Background



This preview shows how the XYZ color 39.2856, 23.0529, 49.3928 looks on a white background.

Color Contrast Check

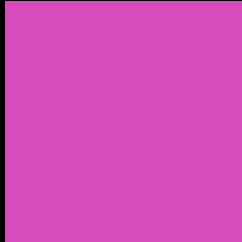
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.2856, 23.0529, 49.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

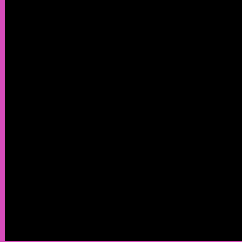
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.2856, 23.0529, 49.3928

Background



This preview shows how black text looks on a background with the XYZ color 39.2856, 23.0529, 49.3928.



This preview shows how white text looks on a background with the XYZ color 39.2856, 23.0529,

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

39.2856, 23.0529, 49.3928

Protanopia

26.2535, 23.5051, 79.4972

Deuteranopia

23.8607, 23.4092, 45.9087



Tritanopia

32.5170, 23.0861, 16.3779

Trichromacy



Original Color

39.2856, 23.0529, 49.3928



Protanomaly

27.6435, 21.0963, 67.5808



Deuteranomaly

27.4544, 21.6163, 46.9813



Tritanomaly

34.4088, 22.7868, 25.5064

Monochromacy



Original Color

39.2856, 23.0529, 49.3928



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

25.8598, 20.9633, 31.9615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2856, 23.0529, 49.3928 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(214, 76, 187)` looks like.

```
.text, #text, p{  
    color:rgb(214, 76, 187)  
}
```

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(214, 76, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 76, 187) }
```

Border

The CSS property to change the border of an element to XYZ 39.2856, 23.0529, 49.3928 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(214, 76, 187) }
```


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

```
.border{ border-color:rgb(214, 76, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 76, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 76, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 76, 187);  
box-shadow:4px 4px 4px 4px rgb(214, 76,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2856, 23.0529, 49.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 76, 187) }
```

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

```
.background{ background-color: rgb(214, 76,  
187) }
```

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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