

Converting Colors

XYZ(39.3075, 23.5185, 61.2116)

Have a look what the booklet for
XYZ(39.3075, 23.5185, 61.2116)
contains.

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Color

**XYZ(39.2576, 23.5289,
61.5039)**

Conversions

Conversions Part 1

Format	Color
Hex	CC53CF
RGB	204, 83, 207
RGB Percent	80%, 33%, 81%
CMY	0.2000, 0.6745, 0.1882
CMYK	0.01, 0.60, 0.00, 0.19
HSL	299°, 56%, 57%
HSV	299°, 60%, 81%
XYZ	39.2576, 23.5289, 61.5039
YIQ	133.3150, 32.3120, 64.2160

Conversions

Conversions Part 2

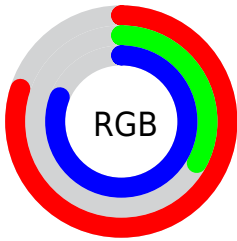
Format	Color
R _Y B	204, 83, 207
Decimal	13390799
CIE Lab	55.61, 63.69, -41.86
CIE LCh	56, 76.209, 326.685
Yxy	23.5289, 0.3159, 0.1893
Android (android.graphics.Color)	4291580879 (0xFFCC53CF)
YUV	133.3150, 36.3267, 61.9907
Hunter-Lab	48.5066, 59.5780, -41.2221

Details

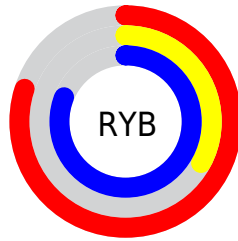
The XYZ color **39.2576, 23.5289, 61.5039** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **27.7127, 47.2292, 15.8403**, and the grayscale version is **22.2736, 23.4335, 25.5191**.

A 20% lighter version of the original color is **68.5226, 46.9452, 100.0575**, and **17.8854, 8.8406, 30.4695** is the 20% darker color. If you saturate the color by 10%, you get **37.7670, 20.7505, 61.0465**, and if you desaturate by 10%, it is **41.2230, 27.2549, 62.1198**.

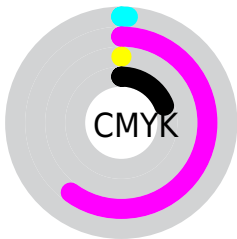
Distribution



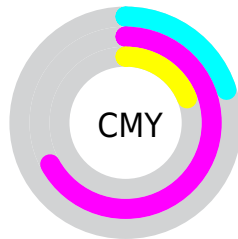
- Red (80%)
- Green (33%)
- Blue (81%)



- Red (80%)
- Yellow (33%)
- Blue (81%)



- Cyan (1%)
- Magenta (60%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2576, 23.5289, 61.5039 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 39.2576, 23.5289, 61.5039 by changing the saturation by 10% instead.

39.2576, 23.5289,
61.5039

39.2576, 23.5289,
61.5039

334.1728,
270.4300, 448.0768

27.1418, 14.9845,
44.1988

73.3232, 49.2603,
108.5728

17.8169, 8.8085,
30.4885

96.0038, 67.2162,
139.1737

10.9175, 4.6165,
19.9544

122.9366, 89.0780,
175.0436

6.0783, 2.0241,
12.1782

154.4871,
115.2301, 216.6010

2.9338, 0.6214,
6.7411

191.0206,
146.0570, 264.2645

1.1189, 0.0000,
3.2248

232.9025,

0.0408, 0.0000,

181.9430, 318.4526

1.2105

280.4981,
223.2726, 379.5838

■ 0.0000, 0.0000,
0.0000

■ 39.2576, 23.5289,
61.5039

■ 39.2576, 23.5289,
61.5039

■ 37.7670, 20.7505,
61.0465

■ 41.2230, 27.2549,
62.1198

■ 36.7052, 18.8296,
60.7317

■ 43.6988, 32.0017,
62.9056

■ 36.0215, 17.6642,
60.5428

■ 46.7201, 37.8390,
63.8730

■ 35.6216, 17.0659,
60.4484

■ 50.3182, 44.8293,
65.0327

■ 35.6180, 17.0607,
60.4476

■ 54.5222, 53.0305,
66.3941

■ 59.3589, 62.4967,
67.9663

■ 64.8538, 73.2785,
69.7578

■ 71.0309, 85.4239,
71.7765

■ 73.1779, 89.5086,
72.4518

Harmonies

Analogous

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



30.6575, 23.5289, 95.6749



39.2576, 23.5289, 61.5039



43.3103, 23.5289, 28.4608

Triad

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



39.2576, 23.5289, 61.5039



23.3349, 23.5289, 1.4485



10.5885, 23.5289, 53.3736

Complementary

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



39.2576, 23.5289, 61.5039



27.7127, 47.2292, 15.8403

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.



9.5683, 23.5289, 22.9729



39.2576, 23.5289, 61.5039



15.7191, 23.5289, 2.3116

Square

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



39.2576, 23.5289, 61.5039



32.7503, 23.5289, 2.9084



11.1810, 23.5289, 7.3989



14.4439, 23.5289, 89.2236

Rectangle

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



39.2576, 23.5289, 61.5039



42.2781, 23.5289, 14.2699



11.1810, 23.5289, 7.3989



9.9536, 23.5289, 41.7954

Sweetspot

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



39.2585, 23.5300, 61.5044



81.7077, 73.9201, 104.5693



18.2498, 13.1831, 60.6145



17.0939, 15.0529, 22.2545



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.



39.2585, 23.5300, 61.5044



59.9538, 32.2050, 97.6640



34.2616, 21.6271, 30.8595



12.2814, 11.9939, 14.9114



22.4531, 10.7553, 38.0851



1.2646, 0.6061, 2.1299

Inverse Universe

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



30.5058, 20.1248, 11.0817



44.8177, 26.3371, 9.5299



30.6788, 48.3844, 32.8707



11.8202, 11.8128, 12.3288



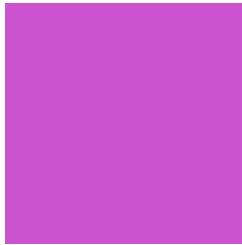
16.2347, 8.3667, 0.8762



0.9119, 0.4695, 0.0709

Previews

White Background



This preview shows how the XYZ color 39.2576, 23.5289, 61.5039 looks on a white background.

Color Contrast Check

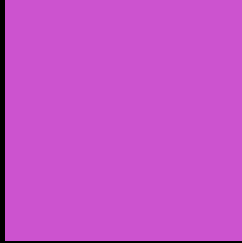
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.2576, 23.5289, 61.5039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

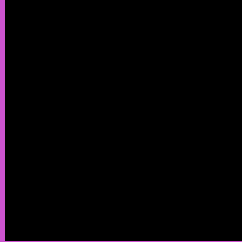
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.2576, 23.5289, 61.5039

Background



This preview shows how black text looks on a background with the XYZ color 39.2576, 23.5289, 61.5039.

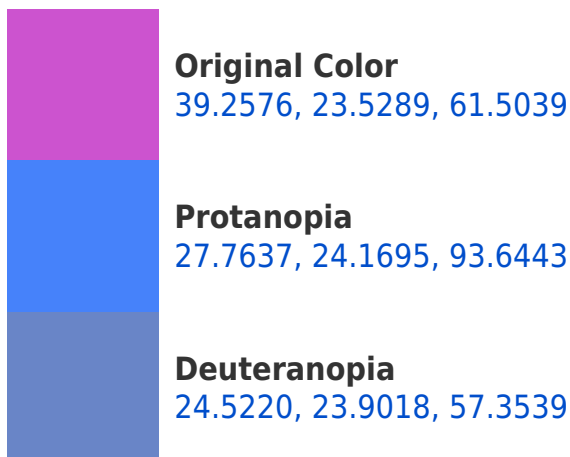


This preview shows how white text looks on a background with the XYZ color 39.2576, 23.5289,

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





Tritanopia

30.5073, 23.3235, 19.4170

Trichromacy



Original Color

39.2576, 23.5289, 61.5039



Protanomaly

28.3642, 21.6727, 80.5302



Deuteranomaly

27.7759, 22.1885, 58.6960



Tritanomaly

32.9126, 22.9639, 31.1316

Monochromacy



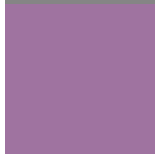
Original Color

39.2576, 23.5289, 61.5039



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

26.7740, 22.1705, 36.1259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2576, 23.5289, 61.5039 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(204, 83, 207)` looks like.

```
.text, #text, p{  
    color:rgb(204, 83, 207)  
}
```

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(204, 83, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 83, 207) }
```

Border

The CSS property to change the border of an element to XYZ 39.2576, 23.5289, 61.5039 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(204, 83, 207) }
```


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

```
.border{ border-color:rgb(204, 83, 207) }
```

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

Here you see how a box with a 4 pixel rgb(204, 83, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 83, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 83, 207);  
box-shadow:4px 4px 4px 4px rgb(204, 83,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2576, 23.5289, 61.5039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 83, 207) }
```

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

```
.background{ background-color: rgb(204, 83,  
207) }
```

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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