

Converting Colors

XYZ(43.3879, 23.9284, 80.6264)

Have a look what the booklet for
XYZ(43.3879, 23.9284, 80.6264)
contains.

XYZ(43.4801, 23.9338, 80.9253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.4801, 23.9338,
80.9253)**

Conversions

Conversions Part 1

Format	Color
Hex	D146EB
RGB	209, 70, 235
RGB Percent	82%, 27%, 92%
CMY	0.1804, 0.7255, 0.0784
CMYK	0.11, 0.70, 0.00, 0.08
HSL	291°, 80%, 60%
HSV	291°, 70%, 92%
XYZ	43.4801, 23.9338, 80.9253
YIQ	130.3710, 29.8790, 80.7830

Conversions

Conversions Part 2

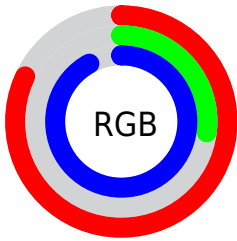
Format	Color
R _{YB}	209, 70, 235
Decimal	13715179
CIE _{Lab}	56.02, 74.82, -56.99
CIE _{LCh}	56, 94.054, 322.705
Yxy	23.9338, 0.2931, 0.1613
Android (android.graphics.Color)	4291905259 (0xFFD146EB)
YUV	130.3710, 51.5821, 68.9576
Hunter-Lab	48.9222, 73.0299, -63.8298

Details

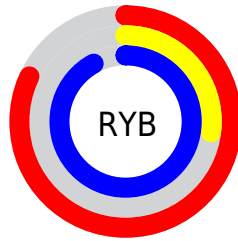
The XYZ color **43.4801, 23.9338, 80.9253** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **35.6384, 62.3462, 15.9509**, and the grayscale version is **21.1662, 22.2685, 24.2504**.

A 20% lighter version of the original color is **67.1403, 44.1805, 99.5968**, and **20.6136, 9.6984, 42.9050** is the 20% darker color. If you saturate the color by 10%, you get **41.2518, 21.0136, 80.4795**, and if you desaturate by 10%, it is **46.3094, 28.0180, 81.5649**.

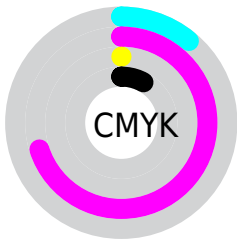
Distribution



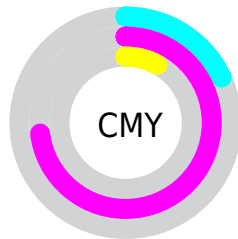
- Red (82%)
- Green (27%)
- Blue (92%)



- Red (82%)
- Yellow (27%)
- Blue (92%)



- Cyan (11%)
- Magenta (70%)
- Yellow (0%)
- Black (8%)





- Cyan (18%)
- Magenta (73%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4801, 23.9338, 80.9253 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 43.4801, 23.9338, 80.9253 by changing the saturation by 10% instead.

 43.4801, 23.9338,
80.9253

 43.4801, 23.9338,
80.9253

351.4706,
272.4856, 517.8345

 30.4581, 15.2845,
59.9494


 79.6861, 49.9222,
136.4890


 20.3364, 9.0193,
42.9529


 103.6008, 68.0300,
171.9139


 12.7495, 4.7538,
29.5170


 131.8771, 90.0595,
212.9923

 7.3321, 2.1035,
19.2233

 164.8804,
116.3951, 260.1426

 3.7188, 0.6666,
11.6533

 202.9761,
147.4211, 313.7835

 1.5443, 0.0000,
6.3884

246.5294,

 0.3557, 0.0000,

183.5219, 374.3334

3.0101

295.9058,
225.0819, 442.2108

■ 0.0000, 0.0000,
1.0998

■ 0.0000, 0.0000,
0.0000

■ 43.4801, 23.9338,
80.9253

■ 43.4801, 23.9338,
80.9253

■ 41.2518, 21.0136,
80.4795

■ 46.3094, 28.0180,
81.5649


■ 39.5500, 19.1115,
80.2020


■ 49.7970, 33.3832,
82.4167

■ 38.2767, 18.0001,
80.0546

■ 53.9964, 40.1354,
83.4986


■ 58.9547, 48.3687,
84.8265

 64.7151, 58.1688,
86.4145

 71.3171, 69.6151,
88.2759

 78.7979, 82.7812,
90.4229

 86.2257, 95.8038,
92.5450

 87.4862, 96.4536,
92.6040

Harmonies

Analogous

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



31.6990, 23.9338, 127.7461



43.4801, 23.9338, 80.9253



50.0382, 23.9338, 34.3250

Triad

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



43.4801, 23.9338, 80.9253



25.4760, 23.9338, 0.2304



8.5087, 23.9338, 56.2502

Complementary

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



43.4801, 23.9338, 80.9253



35.6384, 62.3462, 15.9509

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.



7.7853, 23.9338, 19.2409



43.4801, 23.9338, 80.9253



15.6644, 23.9338, 0.6868

Square

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



43.4801, 23.9338, 80.9253



37.7171, 23.9338, 1.6360



9.9457, 23.9338, 4.1277



12.3793, 23.9338, 107.2542

Rectangle

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



43.4801, 23.9338, 80.9253



49.4672, 23.9338, 15.0853



9.9457, 23.9338, 4.1277



7.9523, 23.9338, 41.3735

Sweetspot

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



43.4811, 23.9348, 80.9258



77.2452, 68.8980, 103.8351



21.8431, 15.9434, 80.5238



16.1060, 14.0154, 22.1063



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.



43.4811, 23.9348, 80.9258



48.7306, 24.2033, 96.7111



44.6900, 25.3386, 45.7166



15.4682, 15.1866, 19.0383



21.3924, 10.0641, 44.5580



1.7425, 0.8226, 3.5018

Inverse Universe

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



38.5631, 22.8878, 13.4525



43.2807, 23.3340, 8.7992



35.9366, 62.2000, 29.5151



15.1622, 15.0927, 16.1396



19.2838, 9.9162, 2.0297



1.5435, 0.7904, 0.3135

Previews

White Background



This preview shows how the XYZ color 43.4801, 23.9338, 80.9253 looks on a white background.

Color Contrast Check

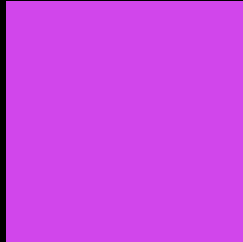
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4801, 23.9338, 80.9253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

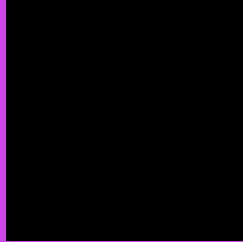
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.4801, 23.9338, 80.9253

Background



This preview shows how black text looks on a background with the XYZ color 43.4801, 23.9338, 80.9253.



This preview shows how white text looks on a background with the XYZ color 43.4801, 23.9338,

80.9253.

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

43.4801, 23.9338, 80.9253

Protanopia

28.2807, 24.5426, 97.8544

Deuteranopia

25.0202, 24.2056, 73.8745



Tritanopia

30.9868, 23.7146, 20.0837

Trichromacy



Original Color

43.4801, 23.9338, 80.9253



Protanomaly

29.7480, 21.4965, 91.3883



Deuteranomaly

28.0002, 21.2554, 76.0257



Tritanomaly

34.0784, 22.8997, 36.3422

Monochromacy



Original Color

43.4801, 23.9338, 80.9253



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

26.7285, 20.9232, 39.6756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4801, 23.9338, 80.9253 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(209, 70, 235)` looks like.

```
.text, #text, p{  
    color:rgb(209, 70, 235)  
}
```

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(209, 70, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 70, 235) }
```

Border

The CSS property to change the border of an element to XYZ 43.4801, 23.9338, 80.9253 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(209, 70, 235) }
```


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

```
.border{ border-color:rgb(209, 70, 235) }
```

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

Here you see how a box with a 4 pixel rgb(209, 70, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 70, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 70, 235);  
box-shadow:4px 4px 4px 4px rgb(209, 70,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4801, 23.9338, 80.9253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 70, 235) }
```

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

```
.background{ background-color: rgb(209, 70,  
235) }
```

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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