

Converting Colors

XYZ(43.5174, 23.2732, 78.1268)

Have a look what the booklet for
XYZ(43.5174, 23.2732, 78.1268)
contains.

XYZ(43.5331, 23.2531, 77.7952)	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(43.5331, 23.2531,
77.7952)**

Conversions

Conversions Part 1

Format	Color
Hex	D53DE7
RGB	213, 61, 231
RGB Percent	84%, 24%, 91%
CMY	0.1647, 0.7608, 0.0941
CMYK	0.08, 0.74, 0.00, 0.09
HSL	294°, 78%, 57%
HSV	294°, 74%, 91%
XYZ	43.5331, 23.2531, 77.7952
YIQ	125.8280, 36.0220, 85.0940

Conversions

Conversions Part 2

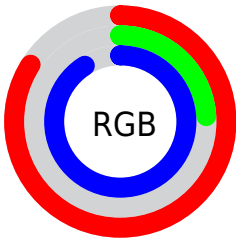
Format	Color
R _Y B	213, 61, 231
Decimal	13975015
CIE Lab	55.33, 77.95, -55.81
CIE LCh	55, 95.871, 324.398
Yxy	23.2531, 0.3011, 0.1608
Android (android.graphics.Color)	4292165095 (0xFFD53DE7)
YUV	125.8280, 51.8498, 76.4498
Hunter-Lab	48.2215, 76.7576, -61.8969

Details

The XYZ color **43.5331, 23.2531, 77.7952** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **32.6434, 59.1516, 14.1127**, and the grayscale version is **19.5953, 20.6158, 22.4506**.

A 20% lighter version of the original color is **66.3730, 42.6459, 99.3410**, and **21.0643, 9.9652, 41.3707** is the 20% darker color. If you saturate the color by 10%, you get **41.8509, 20.9332, 77.4364**, and if you desaturate by 10%, it is **45.7584, 26.6417, 78.3323**.

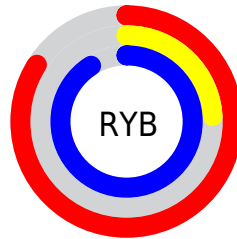
Distribution



Red (84%)

Green (24%)

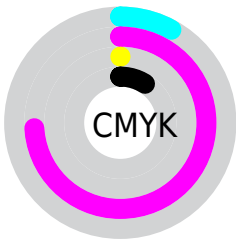
Blue (91%)



Red (84%)

Yellow (24%)

Blue (91%)

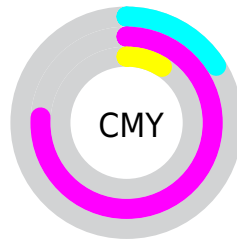


Cyan (8%)

Magenta (74%)

Yellow (0%)

Black (9%)



Cyan (16%)


Magenta (76%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5331, 23.2531, 77.7952 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 43.5331, 23.2531, 77.7952 by changing the saturation by 10% instead.

 43.5331, 23.2531,
77.7952


 43.5331, 23.2531,
77.7952

351.6840,
269.0223, 506.9805


 30.4999, 14.7805,
57.3903


 79.7654, 48.8086,
132.0446


 20.3683, 8.6655,
40.9072


 103.6953, 66.6603,
166.7262


 12.7729, 4.5236,
27.9275


 131.9881, 88.4071,
207.0038

 7.3483, 1.9706,
18.0324

 165.0093,
114.4335, 253.2959

 3.7291, 0.5903,
10.8036

 203.1241,
145.1238, 306.0211

 1.5500, 0.0000,
5.8224

246.6979,

 0.3595, 0.0000,

180.8624, 365.5979

2.6704

296.0961,
222.0338, 432.4449

■ 0.0000, 0.0000,
0.9285

■ 0.0000, 0.0000,
0.0000

■ 43.5331, 23.2531,
77.7952

■ 43.5331, 23.2531,
77.7952

■ 41.8509, 20.9332,
77.4364

■ 45.7584, 26.6417,
78.3323


■ 40.6354, 19.5316,
77.2300


■ 48.5847, 31.2170,
79.0665

■ 40.0284, 18.9692,
77.1534


■ 52.0653, 37.0851,
80.0157


■ 56.2470, 44.3392,
81.1955

 61.1721, 53.0639,
82.6199

 66.8796, 63.3372,
84.3021

 73.4057, 75.2315,
86.2539

 80.7843, 88.8146,
88.4868

 84.4494, 94.9541,
89.4787

Harmonies

Analogous

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



31.7886, 23.2531, 126.5783



43.5331, 23.2531, 77.7952



49.7223, 23.2531, 31.5493

Triad

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



43.5331, 23.2531, 77.7952



24.1815, 23.2531, 0.0000



8.1138, 23.2531, 58.4975

Complementary

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



43.5331, 23.2531, 77.7952



32.6434, 59.1516, 14.1127

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.



7.2504, 23.2531, 19.9676



43.5331, 23.2531, 77.7952



14.6141, 23.2531, 0.5657

Square

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



43.5331, 23.2531, 77.7952



36.4537, 23.2531, 1.2432



9.1931, 23.2531, 4.1257



12.1184, 23.2531, 110.4206

Rectangle

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



43.5331, 23.2531, 77.7952



48.7829, 23.2531, 13.2651



9.1931, 23.2531, 4.1257



7.5155, 23.2531, 43.0799

Sweetspot

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



43.5341, 23.2541, 77.7957



77.5388, 68.1717, 103.6794



19.2792, 12.6228, 77.0220



16.2081, 13.8975, 22.0782



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.



43.5341, 23.2541, 77.7957



51.5624, 25.2082, 96.7558



41.4921, 23.0743, 38.2645



14.8369, 14.5337, 18.1676



22.5037, 10.6670, 43.2560



1.7063, 0.8106, 3.1985

Inverse Universe

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



36.0357, 20.8918, 9.5313



42.3939, 22.4889, 5.6408



34.2778, 59.6552, 29.5045



14.4387, 14.3927, 15.2446



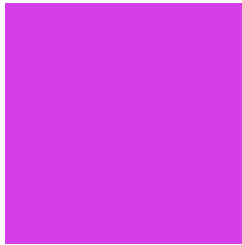
18.5917, 9.5709, 1.4791



1.3948, 0.7156, 0.2197

Previews

White Background



This preview shows how the XYZ color 43.5331, 23.2531, 77.7952 looks on a white background.

Color Contrast Check

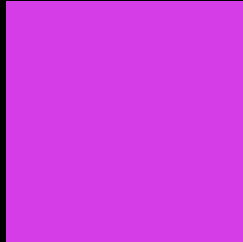
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.5331, 23.2531, 77.7952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

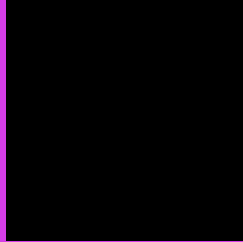
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.5331, 23.2531, 77.7952

Background



This preview shows how black text looks on a background with the XYZ color 43.5331, 23.2531, 77.7952.



This preview shows how white text looks on a background with the XYZ color 43.5331, 23.2531,

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

43.5331, 23.2531, 77.7952

Protanopia

27.6452, 23.8201, 97.7484

Deuteranopia

24.2918, 23.7012, 70.3123



Tritanopia

31.1083, 23.0541, 17.8492

Trichromacy



Original Color

43.5331, 23.2531, 77.7952



Protanomaly

28.5243, 20.1319, 89.5712



Deuteranomaly

27.1812, 20.2787, 72.2936



Tritanomaly

34.0347, 22.0425, 33.4711

Monochromacy



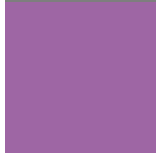
Original Color

43.5331, 23.2531, 77.7952



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

25.5528, 19.4522, 37.5298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5331, 23.2531, 77.7952 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(213, 61, 231)` looks like.

```
.text, #text, p{  
    color:rgb(213, 61, 231)  
}
```

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(213, 61, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 61, 231) }
```

Border

The CSS property to change the border of an element to XYZ 43.5331, 23.2531, 77.7952 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(213, 61, 231) }
```


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

```
.border{ border-color:rgb(213, 61, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 61, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 61, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 61, 231);  
box-shadow:4px 4px 4px 4px rgb(213, 61,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5331, 23.2531, 77.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 61, 231) }
```

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

```
.background{ background-color: rgb(213, 61,  
231) }
```

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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