

Converting Colors

XYZ(43.5628, 21.9788, 70.3526)

Have a look what the booklet for
XYZ(43.5628, 21.9788, 70.3526)
contains.

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Color

**XYZ(43.5631, 21.9788,
70.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	DD26DD
RGB	221, 38, 221
RGB Percent	87%, 15%, 87%
CMY	0.1333, 0.8509, 0.1333
CMYK	0.00, 0.83, 0.00, 0.13
HSL	300°, 73%, 51%
HSV	300°, 83%, 87%
XYZ	43.5631, 21.9788, 70.3529
YIQ	113.5790, 50.3250, 95.7090

Conversions

Conversions Part 2

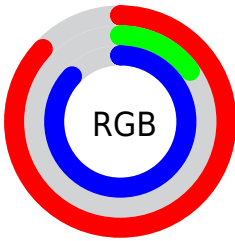
Format	Color
R _Y B	221, 38, 221
Decimal	14493405
CIE Lab	54.00, 83.76, -52.21
CIE LCh	54, 98.699, 328.066
Yxy	21.9788, 0.3206, 0.1617
Android (android.graphics.Color)	4292683485 (0xFFDD26DD)
YUV	113.5790, 52.9586, 94.2082
Hunter-Lab	46.8816, 83.8224, -56.1566

Details

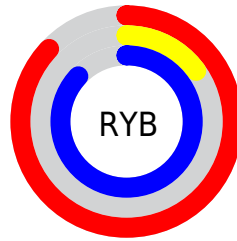
The XYZ color **43.5631, 21.9788, 70.3529** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **27.0067, 52.2661, 10.4997**, and the grayscale version is **15.7068, 16.5247, 17.9954**.

A 20% lighter version of the original color is **64.7586, 39.4173, 98.8029**, and **21.4895, 10.2937, 36.4516** is the 20% darker color. If you saturate the color by 10%, you get **43.0545, 20.9608, 70.1834**, and if you desaturate by 10%, it is **44.4922, 23.8363, 70.6629**.

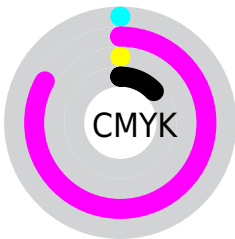
Distribution



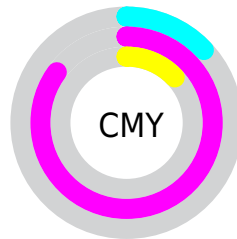
- Red (87%)
- Green (15%)
- Blue (87%)



- Red (87%)
- Yellow (15%)
- Blue (87%)



- Cyan (0%)
- Magenta (83%)
- Yellow (0%)
- Black (13%)





- Cyan (13%)
- Magenta (85%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5631, 21.9788, 70.3529 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 43.5631, 21.9788, 70.3529 by changing the saturation by 10% instead.

 43.5631, 21.9788,
70.3529

 43.5631, 21.9788,
70.3529


351.8048,
262.4355, 480.6107


 30.5236, 13.8413,
51.3357


 79.8103, 46.7110,
121.3977


 20.3864, 8.0104,
36.0973


 103.7488, 64.0744,
154.2624


 12.7861, 4.1016,
24.2190


 132.0510, 85.2820,
192.5800

 7.3574, 1.7306,
15.2825

 165.0822,
110.7181, 236.7691

 3.7349, 0.4433,
8.8691

 203.2078,
140.7671, 287.2481

 1.5533, 0.0000,
4.5602

246.7933,

 0.3617, 0.0000,

175.8134, 344.4357

1.9374

296.2038,
216.2414, 408.7504

■ 0.0000, 0.0000,
0.5164

■ 0.0000, 0.0000,
0.0000

■ 43.5631, 21.9788,
70.3529

■ 43.5631, 21.9788,
70.3529

■ 43.0545, 20.9608,
70.1834

■ 44.4922, 23.8363,
70.6629

■ 42.8705, 20.5929,
70.1220

■ 45.9038, 26.6594,
71.1335

■ 47.8523, 30.5563,
71.7831

■ 50.3842, 35.6201,
72.6272

■ 53.5410, 41.9336,
73.6795

■ 57.3603, 49.5723,
74.9528

■ 61.8770, 58.6056,
76.4584

■ 67.1233, 69.0982,
78.2073

■ 73.1295, 81.1106,
80.2095

Harmonies

Analogous

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



32.0952, 21.9788, 122.1081



43.5631, 21.9788, 70.3529



48.8052, 21.9788, 25.9678

Triad

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



43.5631, 21.9788, 70.3529



21.5897, 21.9788, 0.0000



7.5202, 21.9788, 63.5425

Complementary

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



43.5631, 21.9788, 70.3529



27.0067, 52.2661, 10.4997

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.



6.3704, 21.9788, 22.0040



43.5631, 21.9788, 70.3529



12.6537, 21.9788, 0.4208

Square

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



43.5631, 21.9788, 70.3529



33.7173, 21.9788, 0.6537



7.8757, 21.9788, 4.3730



11.8150, 21.9788, 116.3292

Rectangle

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



43.5631, 21.9788, 70.3529



47.0674, 21.9788, 9.9517



7.8757, 21.9788, 4.3730



6.8337, 21.9788, 47.1444

Sweetspot

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



43.5640, 21.9798, 70.3533



77.9753, 65.8507, 103.2081



14.5446, 7.0197, 68.9962



16.2837, 13.2823, 21.9554



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.



43.5640, 21.9798, 70.3533



59.3174, 28.5352, 96.9876



34.5090, 18.3578, 22.6703



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7342



1.6134, 0.7750, 2.6390

Inverse Universe

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



43.5640, 21.9798, 70.3533



59.3174, 28.5352, 96.9876



30.6528, 53.7246, 29.7000



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7342



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 43.5631, 21.9788, 70.3529 looks on a white background.

Color Contrast Check

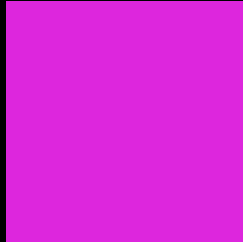
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.5631, 21.9788, 70.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

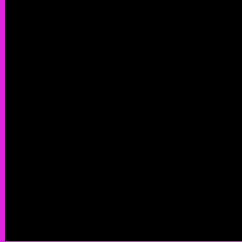
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.5631, 21.9788, 70.3529

Background



This preview shows how black text looks on a background with the XYZ color 43.5631, 21.9788, 70.3529.



This preview shows how white text looks on a background with the XYZ color 43.5631, 21.9788,

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

43.5631, 21.9788, 70.3529

Protanopia

26.5103, 22.4681, 97.5473

Deuteranopia

22.9351, 22.3583, 62.7813



Tritanopia

32.0442, 21.9460, 14.1024

Trichromacy



Original Color

43.5631, 21.9788, 70.3529



Protanomaly

26.5224, 17.6148, 86.7961



Deuteranomaly

25.9578, 18.3400, 65.1226



Tritanomaly

34.7159, 20.7640, 28.1647

Monochromacy



Original Color

43.5631, 21.9788, 70.3529



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

22.2144, 15.7278, 32.0019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5631, 21.9788, 70.3529 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(221, 38, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 38, 221)  
}
```

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(221, 38, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 38, 221) }
```

Border

The CSS property to change the border of an element to XYZ 43.5631, 21.9788, 70.3529 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(221, 38, 221) }
```


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

```
.border{ border-color:rgb(221, 38, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 38, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 38, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 38, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 38,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5631, 21.9788, 70.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 38, 221) }
```

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

```
.background{ background-color: rgb(221, 38,  
221) }
```

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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