

Converting Colors

XYZ(51.0251, 43.2070, 76.1718)

Have a look what the booklet for
XYZ(51.0251, 43.2070, 76.1718)
contains.

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Color

**XYZ(51.0295, 43.1572,
76.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9FE0
RGB	205, 159, 224
RGB Percent	80%, 62%, 88%
CMY	0.1961, 0.3765, 0.1216
CMYK	0.08, 0.29, 0.00, 0.12
HSL	282°, 51%, 75%
HSV	282°, 29%, 88%
XYZ	51.0295, 43.1572, 76.1616
YIQ	180.1640, 6.5510, 29.9670

Conversions

Conversions Part 2

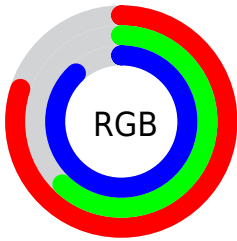
Format	Color
R_{YB}	205, 159, 224
Decimal	13475808
CIE _{Lab}	71.66, 28.53, -26.40
CIE _{LCh}	72, 38.866, 317.222
Yxy	43.1572, 0.2996, 0.2533
Android (android.graphics.Color)	4291665888 (0xFFCD9FE0)
YUV	180.1640, 21.6111, 21.7812
Hunter-Lab	65.6941, 23.6894, -22.7512

Details

The XYZ color **51.0295, 43.1572, 76.1616** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.2752, 65.2805, 42.7008**, and the grayscale version is **43.3568, 45.6147, 49.6744**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **24.9968, 19.8640, 40.0528** is the 20% darker color. If you saturate the color by 10%, you get **45.7528, 35.2284, 74.9100**, and if you desaturate by 10%, it is **57.0826, 52.5245, 77.6513**.

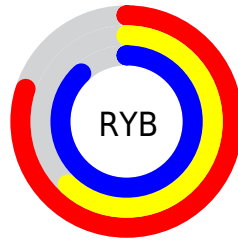
Distribution



Red (80%)

Green (62%)

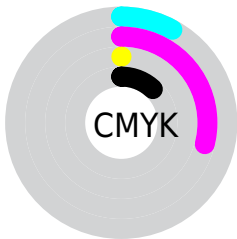
Blue (88%)



Red (80%)

Yellow (62%)

Blue (88%)

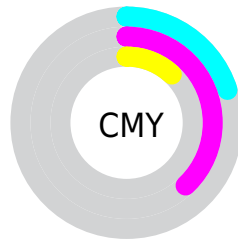


Cyan (8%)

Magenta (29%)

Yellow (0%)

Black (12%)



Cyan (20%)

Magenta (38%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0295, 43.1572, 76.1616 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 51.0295, 43.1572, 76.1616 by changing the saturation by 10% instead.

51.0295, 43.1572,
76.1616

51.0295, 43.1572,
76.1616

381.0642,
359.2579, 501.2623

36.4532, 30.0085,
56.0576

90.8811, 79.9480,
129.7175

24.9562, 19.8450,
39.8448

116.8872,
104.3589, 164.0064

16.1730, 12.2824,
27.1047

147.4338,
133.2927, 203.8608

9.7382, 6.9363,
17.4187

182.8865,
167.1336, 249.6991

5.2867, 3.4223,
10.3684

223.6105,
206.2663, 301.9398

2.4529, 1.3560,
5.5351

269.9712,

0.8716, 0.1839,

251.0749, 361.0016

2.5003

322.3340,
301.9440, 427.3029

■ 0.0000, 0.0000,
0.8403

■ 0.0000, 0.0000,
0.0000

■ 51.0295, 43.1572,
76.1616

■ 51.0295, 43.1572,
76.1616

■ 45.7528, 35.2284,
74.9100

■ 57.0826, 52.5245,
77.6513

■ 41.2096, 28.6569,
73.8810

■ 63.9437, 63.3952,
79.3879

■ 37.3591, 23.3612,
73.0618

■ 71.6475, 75.8365,
81.3833

■ 34.1544, 19.2492,
72.4370

■ 80.2256, 89.9101,
83.6477

■ 31.5424, 16.2157,
71.9891

■ 84.3875, 95.0341,
84.4174

■ 29.4602, 14.1366,
71.6975

■ 86.6230, 96.1866,
84.5220

■ 27.8099, 12.8178,
71.5300

■ 88.9393, 97.3807,
84.6304

■ 27.6584, 12.7042,
71.5160

■ 90.4547, 98.1619,
84.7013

Harmonies

Analogous

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



44.8826, 43.1572, 90.8182



51.0295, 43.1572, 76.1616



54.6438, 43.1572, 55.4735

Triad

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



51.0295, 43.1572, 76.1616



43.8834, 43.1572, 19.7622



30.0782, 43.1572, 58.5618

Complementary

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



51.0295, 43.1572, 76.1616



51.2752, 65.2805, 42.7008

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.



29.8721, 43.1572, 39.4203



51.0295, 43.1572, 76.1616



37.3849, 43.1572, 20.1734

Square

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



51.0295, 43.1572, 76.1616



50.2309, 43.1572, 25.0890



32.4126, 43.1572, 26.4199



33.0094, 43.1572, 78.9371

Rectangle

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



51.0295, 43.1572, 76.1616



54.9021, 43.1572, 42.5794



32.4126, 43.1572, 26.4199



29.7000, 43.1572, 51.6970

Sweetspot

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



51.0309, 43.1590, 76.1625



85.7355, 84.9712, 106.4901



43.7743, 44.7947, 76.8607



18.0475, 17.7024, 22.7157



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.



51.0309, 43.1590, 76.1625



63.9257, 51.0451, 101.0912



54.8977, 45.3484, 67.4888



13.8844, 13.7239, 17.3049



16.2188, 7.4564, 41.6328



1.2120, 0.5621, 2.8899

Inverse Universe

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



51.1759, 43.8597, 47.8898



64.3274, 52.2402, 56.4684



48.4016, 63.6619, 48.7685



13.8712, 13.7661, 15.0920



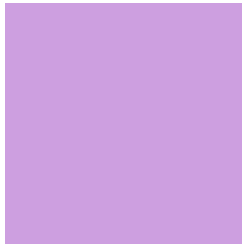
18.5003, 9.4671, 4.0344



1.3206, 0.6715, 0.4813

Previews

White Background



This preview shows how the XYZ color 51.0295, 43.1572, 76.1616 looks on a white background.

Color Contrast Check

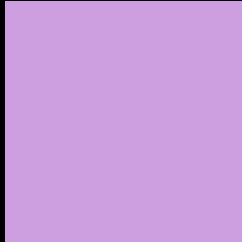
Large Text (above 18pt) WCAG AA × Fail

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 51.0295, 43.1572, 76.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

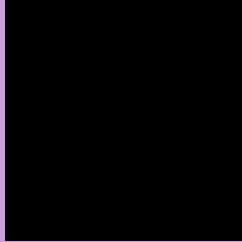
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0295, 43.1572, 76.1616

Background



This preview shows how black text looks on a background with the XYZ color 51.0295, 43.1572, 76.1616.



This preview shows how white text looks on a background with the XYZ color 51.0295, 43.1572,

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

51.0295, 43.1572, 76.1616

Protanopia

44.4295, 43.6412, 84.6792

Deuteranopia

44.1659, 43.1605, 74.4096



Tritanopia

45.3456, 42.9385, 49.0780

Trichromacy



Original Color

51.0295, 43.1572, 76.1616

Protanomaly

46.5163, 43.3756, 81.5220

Deuteranomaly

46.2949, 42.8564, 74.9394

Tritanomaly

47.3267, 42.9539, 58.0211

Monochromacy



Original Color

51.0295, 43.1572, 76.1616

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.7026, 44.3094, 58.3683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0295, 43.1572, 76.1616 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(205, 159, 224)` looks like.

```
.text, #text, p{  
    color:rgb(205, 159, 224)  
}
```

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(205, 159, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 159, 224) }
```

Border

The CSS property to change the border of an element to XYZ 51.0295, 43.1572, 76.1616 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(205, 159, 224) }
```


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

```
.border{ border-color:rgb(205, 159, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 159, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 159, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 159, 224);  
box-shadow:4px 4px 4px 4px rgb(205, 159,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0295, 43.1572, 76.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 159, 224) }
```

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

```
.background{ background-color: rgb(205,  
159, 224) }
```

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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