

Converting Colors

XYZ(56.8427, 51.2102, 72.0314)

Have a look what the booklet for
XYZ(56.8427, 51.2102, 72.0314)
contains.

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Color

**XYZ(56.7321, 51.1539,
71.8493)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B1D8
RGB	217, 177, 216
RGB Percent	85%, 69%, 85%
CMY	0.1490, 0.3059, 0.1529
CMYK	0.00, 0.18, 0.00, 0.15
HSL	302°, 34%, 77%
HSV	302°, 18%, 85%
XYZ	56.7321, 51.1539, 71.8493
YIQ	193.4060, 11.3210, 20.6090

Conversions

Conversions Part 2

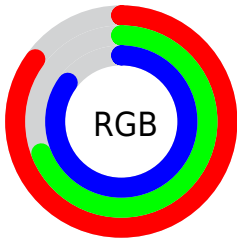
Format	Color
R_{YB}	217, 177, 216
Decimal	14266840
CIE _{Lab}	76.77, 21.11, -14.17
CIE _{LCh}	77, 25.420, 326.125
Yxy	51.1539, 0.3156, 0.2846
Android (android.graphics.Color)	4292456920 (0xFFD9B1D8)
YUV	193.4060, 11.1388, 20.6919
Hunter-Lab	71.5220, 16.4250, -9.4960

Details

The XYZ color **56.7321, 51.1539, 71.8493** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.9823, 62.1887, 51.4389**, and the grayscale version is **50.8606, 53.5093, 58.2716**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **28.5410, 24.6699, 36.9757** is the 20% darker color. If you saturate the color by 10%, you get **52.7126, 43.2261, 70.1644**, and if you desaturate by 10%, it is **61.4365, 60.4493, 73.7648**.

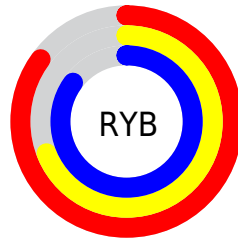
Distribution



Red (85%)

Green (69%)

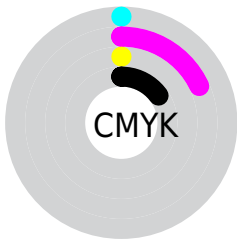
Blue (85%)



Red (85%)

Yellow (69%)

Blue (85%)

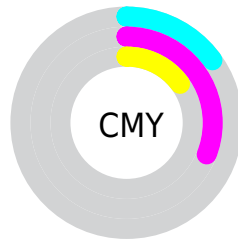


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7321, 51.1539, 71.8493 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 56.7321, 51.1539, 71.8493 by changing the saturation by 10% instead.

56.7321, 51.1539,
71.8493

56.7321, 51.1539,
71.8493

402.4751,
391.1614, 485.9803

41.0295, 36.3311,
52.5495

99.2078, 91.8822,
123.5480

28.5299, 24.6900,
37.0580

126.7116,
118.5565, 156.7839

18.8680, 15.8463,
24.9563

158.8798,
149.9501, 195.5024

11.6784, 9.4154,
15.8257

196.0779,
186.4474, 240.1218

6.5957, 5.0131,
9.2479

238.6711,
228.4328, 291.0607

3.2546, 2.2550,
4.8042

287.0248,

1.2898, 0.7497,

276.2907, 348.7378

2.0761

341.5043,
330.4054, 413.5715

■ 0.1756, 0.0000,
0.6015

■ 0.0000, 0.0000,
0.0000

■ 56.7321, 51.1539,
71.8493

■ 56.7321, 51.1539,
71.8493

■ 52.7126, 43.2261,
70.1644

■ 61.4365, 60.4493,
73.7648

■ 49.3412, 36.5950,
68.6961

■ 66.8511, 71.1656,
75.9176

■ 46.5846, 31.1933,
67.4339

■ 73.0056, 83.3616,
78.3182

■ 44.4050, 26.9452,
66.3651

■ 77.0531, 91.3429,
80.0176

42.7602, 23.7661,
65.4758

77.1244, 91.3714,
80.3927

41.6022, 21.5605,
64.7498

77.1958, 91.4000,
80.7691

40.8747, 20.2153,
64.1685

77.2675, 91.4287,
81.1466

40.4933, 19.5621,
63.7037

77.3395, 91.4574,
81.5254

40.4457, 19.4839,
63.6350

77.4116, 91.4863,
81.9055

Harmonies

Analogous

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



52.8185, 51.1539, 83.1040



56.7321, 51.1539, 71.8493



58.4705, 51.1539, 57.5119

Triad

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



56.7321, 51.1539, 71.8493



49.2496, 51.1539, 33.1823



40.7613, 51.1539, 68.2283

Complementary

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



56.7321, 51.1539, 71.8493



50.9823, 62.1887, 51.4389

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.



39.9435, 51.1539, 53.9224



56.7321, 51.1539, 71.8493



44.6506, 51.1539, 35.0958

Square

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



56.7321, 51.1539, 71.8493



53.9738, 51.1539, 36.4315



41.3210, 51.1539, 42.1688



43.6329, 51.1539, 80.7826

Rectangle

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



56.7321, 51.1539, 71.8493



58.0828, 51.1539, 48.6434



41.3210, 51.1539, 42.1688



40.2456, 51.1539, 63.4034

Sweetspot

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



56.7336, 51.1561, 71.8504



90.3003, 90.5991, 107.0131



46.5325, 45.8823, 72.0503



19.2222, 19.1828, 22.8629



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.



56.7336, 51.1561, 71.8504



79.4653, 69.1908, 102.5947



54.3410, 50.1991, 59.2510



13.5996, 13.2689, 16.4187



24.4895, 11.7968, 38.5534



1.5911, 0.7661, 2.5217

Inverse Universe

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



56.7336, 51.1561, 71.8504



79.4653, 69.1908, 102.5947



53.1008, 63.0361, 62.5951



13.5996, 13.2689, 16.4187



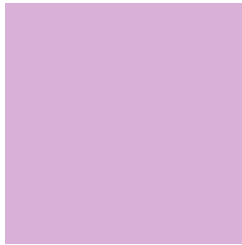
24.4895, 11.7968, 38.5534



1.5911, 0.7661, 2.5217

Previews

White Background



This preview shows how the XYZ color 56.7321, 51.1539, 71.8493 looks on a white background.

Color Contrast Check

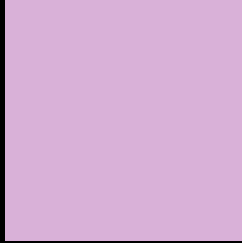
Large Text (above 18pt) WCAG AA × Fail

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 56.7321, 51.1539, 71.8493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

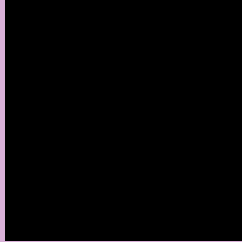
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7321, 51.1539, 71.8493

Background



This preview shows how black text looks on a background with the XYZ color 56.7321, 51.1539, 71.8493.



This preview shows how white text looks on a background with the XYZ color 56.7321, 51.1539,

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

56.7321, 51.1539, 71.8493

Protanopia

50.8309, 51.3614, 77.0467

Deuteranopia

52.3797, 51.3400, 71.4389



Tritanopia

54.1058, 51.2840, 58.6769

Trichromacy



Original Color

56.7321, 51.1539, 71.8493

Protanomaly

52.5644, 51.0504, 74.7934

Deuteranomaly

53.8955, 51.1996, 71.3319

Tritanomaly

55.1251, 51.4014, 63.5160

Monochromacy



Original Color

56.7321, 51.1539, 71.8493

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.6701, 52.3143, 62.5800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7321, 51.1539, 71.8493 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(217, 177, 216)` looks like.

```
.text, #text, p{  
    color:rgb(217, 177, 216)  
}
```

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(217, 177, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 177, 216) }
```

Border

The CSS property to change the border of an element to XYZ 56.7321, 51.1539, 71.8493 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(217, 177, 216) }
```


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

```
.border{ border-color:rgb(217, 177, 216) }
```

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

Here you see how a box with a 4 pixel rgb(217, 177, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 177, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 177, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 177,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7321, 51.1539, 71.8493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 177, 216) }
```

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

```
.background{ background-color: rgb(217,  
177, 216) }
```

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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