

Converting Colors

XYZ(56.1419, 47.2740, 72.9938)

Have a look what the booklet for
XYZ(56.1419, 47.2740, 72.9938)
contains.

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Color

**XYZ(56.1858, 47.1950,
73.1661)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA4DB
RGB	222, 164, 219
RGB Percent	87%, 64%, 86%
CMY	0.1294, 0.3568, 0.1412
CMYK	0.00, 0.26, 0.01, 0.13
HSL	303°, 47%, 76%
HSV	303°, 26%, 87%
XYZ	56.1858, 47.1950, 73.1661
YIQ	187.6120, 16.9130, 29.4010

Conversions

Conversions Part 2

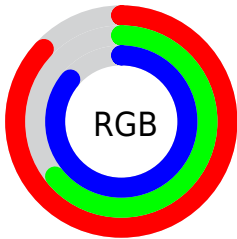
Format	Color
R _{YB}	222, 164, 219
Decimal	14591195
CIE Lab	74.31, 30.34, -19.46
CIE LCh	74, 36.050, 327.322
Yxy	47.1950, 0.3182, 0.2673
Android (android.graphics.Color)	4292781275 (0xFFDEA4DB)
YUV	187.6120, 15.4743, 30.1583
Hunter-Lab	68.6986, 25.7653, -15.0566

Details

The XYZ color **56.1858, 47.1950, 73.1661** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.4080, 62.9264, 46.1564**, and the grayscale version is **47.4896, 49.9628, 54.4095**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **28.1112, 22.1562, 37.9169** is the 20% darker color. If you saturate the color by 10%, you get **52.4042, 39.8721, 71.1627**, and if you desaturate by 10%, it is **60.6648, 55.9094, 75.4082**.

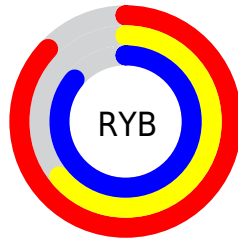
Distribution



Red (87%)

Green (64%)

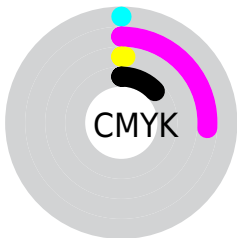
Blue (86%)



Red (87%)

Yellow (64%)

Blue (86%)

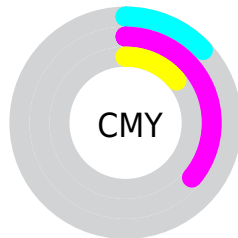


Cyan (0%)

Magenta (26%)

Yellow (1%)

Black (13%)



Cyan (13%)


Magenta (36%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1858, 47.1950, 73.1661 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 56.1858, 47.1950, 73.1661 by changing the saturation by 10% instead.


 56.1858, 47.1950,
73.1661


 56.1858, 47.1950,
73.1661


400.4550,
375.5924, 490.6765

 40.5895, 33.1898,
53.6191


 98.4144, 86.0046,
125.4361

 28.1847, 22.2719,
37.9062


 125.7774,
111.5779, 158.9962

 18.6061, 14.0568,
25.6086


157.7934,
141.7759, 198.0644

 11.4883, 8.1602,
16.3079

194.8277,
176.9832, 243.0593

 6.4660, 4.1976,
9.5856

237.2456,
217.5841, 294.3995

 3.1738, 1.7847,
5.0231

285.4126,

 1.2463, 0.4776,

263.9630, 352.5033

2.2018

339.6939,
316.5043, 417.7895

■ 0.1425, 0.0000,
0.6754

■ 0.0000, 0.0000,
0.0000

■ 56.1858, 47.1950,
73.1661

■ 56.1858, 47.1950,
73.1661

■ 52.4042, 39.8721,
71.1627

■ 60.6648, 55.9094,
75.4082

■ 49.2795, 33.8623,
69.3829

■ 65.8703, 66.0758,
77.8970

■ 46.7741, 29.0891,
67.8146

■ 71.8349, 77.7589,
80.6441

■ 44.8443, 25.4656,
66.4433

■ 78.5881, 91.0175,
83.6592

43.4410, 22.8937,
65.2526

79.4401, 92.4720,
84.7125

42.5071, 21.2586,
64.2235

79.5971, 92.5348,
85.5392

41.9711, 20.4178,
63.3321

79.7552, 92.5980,
86.3716

41.8220, 20.2087,
63.0075

79.9143, 92.6617,
87.2095

80.0745, 92.7257,
88.0529

Harmonies

Analogous

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



50.8240, 47.1950, 90.0651



56.1858, 47.1950, 73.1661



58.4929, 47.1950, 53.0730

Triad

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



56.1858, 47.1950, 73.1661



45.4422, 47.1950, 23.3452



34.6716, 47.1950, 69.5712

Complementary

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



56.1858, 47.1950, 73.1661



48.4080, 62.9264, 46.1564

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.



33.5250, 47.1950, 49.7378



56.1858, 47.1950, 73.1661



39.3772, 47.1950, 25.7535

Square

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



56.1858, 47.1950, 73.1661



51.9279, 47.1950, 26.8200



35.1643, 47.1950, 34.4259



38.4598, 47.1950, 87.6628

Rectangle

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



56.1858, 47.1950, 73.1661



57.8370, 47.1950, 41.4765



35.1643, 47.1950, 34.4259



33.9814, 47.1950, 62.7631

Sweetspot

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



56.1873, 47.1971, 73.1671



88.7145, 87.6001, 105.9523



42.3776, 40.0319, 74.6014



18.7497, 18.2832, 22.5650



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.



56.1873, 47.1971, 73.1671



74.1541, 59.2505, 98.7212



52.7065, 45.8048, 54.8377



14.2628, 13.9228, 17.1540



24.8542, 12.0087, 37.4936



1.7323, 0.8362, 2.6491

Inverse Universe

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



56.1873, 47.1971, 73.1671



74.1541, 59.2505, 98.7212



51.3853, 64.1173, 61.8343



14.2628, 13.9228, 17.1540



24.8542, 12.0087, 37.4936



1.7323, 0.8362, 2.6491

Previews

White Background



This preview shows how the XYZ color 56.1858, 47.1950, 73.1661 looks on a white background.

Color Contrast Check

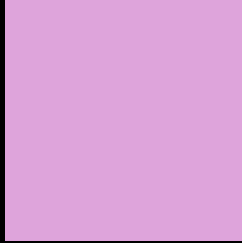
Large Text (above 18pt) WCAG AA × Fail

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 56.1858, 47.1950, 73.1661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

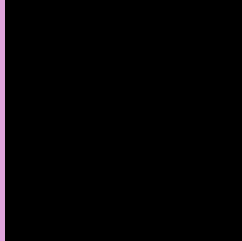
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1858, 47.1950, 73.1661

Background



This preview shows how black text looks on a background with the XYZ color 56.1858, 47.1950, 73.1661.



This preview shows how white text looks on a background with the XYZ color 56.1858, 47.1950,

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

56.1858, 47.1950, 73.1661

Protanopia

47.7423, 47.4752, 82.2486

Deuteranopia

48.5224, 47.5124, 71.5791



Tritanopia

51.8299, 47.3382, 51.7529

Trichromacy



Original Color

56.1858, 47.1950, 73.1661



Protanomaly

50.4303, 47.1531, 79.1165



Deuteranomaly

50.9491, 47.2876, 72.0878



Tritanomaly

53.2941, 47.0966, 59.1050

Monochromacy



Original Color

56.1858, 47.1950, 73.1661



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.2483, 48.6431, 60.7735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1858, 47.1950, 73.1661 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(222, 164, 219)` looks like.

```
.text, #text, p{  
    color:rgb(222, 164, 219)  
}
```

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(222, 164, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 164, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.1858, 47.1950, 73.1661 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(222, 164, 219) }
```


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

```
.border{ border-color:rgb(222, 164, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 164, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 164, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 164, 219);  
box-shadow:4px 4px 4px 4px rgb(222, 164,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1858, 47.1950, 73.1661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 164, 219) }
```

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

```
.background{ background-color: rgb(222,  
164, 219) }
```

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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