

Converting Colors

XYZ(56.5771, 47.8235, 78.2004)

Have a look what the booklet for
XYZ(56.5771, 47.8235, 78.2004)
contains.

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Color

**XYZ(56.5771, 47.8235,
78.2004)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA6E2
RGB	219, 166, 226
RGB Percent	86%, 65%, 89%
CMY	0.1412, 0.3490, 0.1137
CMYK	0.03, 0.27, 0.00, 0.11
HSL	293°, 51%, 77%
HSV	293°, 27%, 89%
XYZ	56.5771, 47.8235, 78.2004
YIQ	188.6870, 12.3280, 29.8960

Conversions

Conversions Part 2

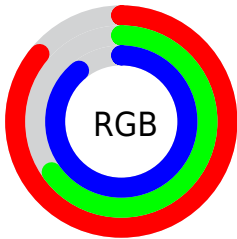
Format	Color
R _Y B	219, 166, 226
Decimal	14395106
CIE Lab	74.71, 29.60, -22.70
CIE LCh	75, 37.301, 322.505
Yxy	47.8235, 0.3098, 0.2619
Android (android.graphics.Color)	4292585186 (0xFFDBA6E2)
YUV	188.6870, 18.3953, 26.5845
Hunter-Lab	69.1545, 25.0150, -18.6373

Details

The XYZ color **56.5771, 47.8235, 78.2004** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.3145, 66.0313, 46.1195**, and the grayscale version is **48.0857, 50.5900, 55.0925**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **28.3601, 22.5371, 41.3834** is the 20% darker color. If you saturate the color by 10%, you get **52.0378, 39.9123, 76.9133**, and if you desaturate by 10%, it is **61.8538, 57.1890, 79.7307**.

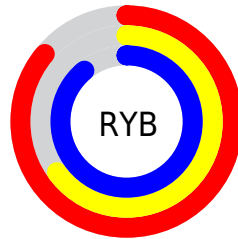
Distribution



Red (86%)

Green (65%)

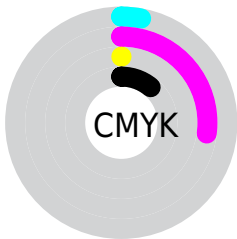
Blue (89%)



Red (86%)

Yellow (65%)

Blue (89%)

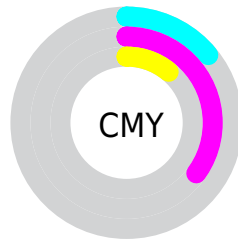


Cyan (3%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (14%)


Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5771, 47.8235, 78.2004 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 56.5771, 47.8235, 78.2004 by changing the saturation by 10% instead.


 56.5771, 47.8235,
78.2004


 56.5771, 47.8235,
78.2004


401.9026,
378.0921, 508.3931

 40.9046, 33.6871,
57.7212

 98.9828, 86.9416,
132.6210

 28.4319, 22.6534,
41.1713

 126.4467,
112.6920, 167.3995

 18.7936, 14.3378,
28.1323


158.5718,
143.0827, 207.7815

 11.6244, 8.3560,
18.1855

195.7234,
178.4979, 254.1856

 6.5588, 4.3235,
10.9124

238.2670,
219.3220, 307.0302

 3.2316, 1.8561,
5.8945

286.5678,

 1.2774, 0.5218,

265.9395, 366.7340

2.7133

340.9912,
318.7347, 433.7154

■ 0.1662, 0.0000,
0.9501

■ 0.0000, 0.0000,
0.0000

■ 56.5771, 47.8235,
78.2004

■ 56.5771, 47.8235,
78.2004

■ 52.0378, 39.9123,
76.9133

■ 61.8538, 57.1890,
79.7307

■ 48.1936, 33.3737,
75.8539

■ 67.8986, 68.0728,
81.5129

■ 45.0047, 28.1272,
75.0093

■ 74.7456, 80.5423,
83.5589

■ 42.4255, 24.0816,
74.3643

■ 81.9759, 93.7593,
85.7290

40.4042, 21.1335,
73.9018

82.8263, 94.1978,
85.7688

38.8804, 19.1623,
73.6017

83.6896, 94.6428,
85.8092

37.7777, 18.0150,
73.4383

84.5657, 95.0945,
85.8502

37.4496, 17.7202,
73.3987

85.4549, 95.5528,
85.8918

86.3570, 96.0179,
85.9340

Harmonies

Analogous

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



50.6183, 47.8235, 94.6312



56.5771, 47.8235, 78.2004



59.6109, 47.8235, 57.0838

Triad

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



56.5771, 47.8235, 78.2004



47.1728, 47.8235, 23.1794



34.4647, 47.8235, 67.6738

Complementary

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



56.5771, 47.8235, 78.2004



51.3145, 66.0313, 46.1195

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.



33.7385, 47.8235, 47.3619



56.5771, 47.8235, 78.2004



40.6550, 47.8235, 24.6793

Square

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



56.5771, 47.8235, 78.2004



53.8418, 47.8235, 27.7526



35.8949, 47.8235, 32.5270



37.9874, 47.8235, 87.5775

Rectangle

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



56.5771, 47.8235, 78.2004



59.3746, 47.8235, 44.4139



35.8949, 47.8235, 32.5270



33.9007, 47.8235, 60.5627

Sweetspot

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



56.5786, 47.8256, 78.2014



88.0138, 87.2193, 106.8039



44.3989, 43.4874, 78.0060



18.5717, 18.1865, 22.7815



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.



56.5786, 47.8256, 78.2014



70.8944, 56.7598, 101.8269



55.7812, 47.7550, 62.7791



14.1294, 13.8502, 17.3163



21.4304, 10.1431, 41.8767



1.5306, 0.7264, 2.9048

Inverse Universe

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



52.5447, 46.4604, 45.7357



64.7993, 54.7163, 51.9020



52.1092, 66.1750, 58.1726



13.7719, 13.7264, 14.5692



18.0242, 9.2767, 1.5273



1.2712, 0.6518, 0.2211

Previews

White Background



This preview shows how the XYZ color 56.5771, 47.8235, 78.2004 looks on a white background.

Color Contrast Check

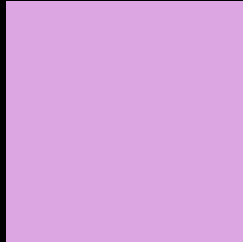
Large Text (above 18pt) WCAG AA × Fail

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 56.5771, 47.8235, 78.2004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

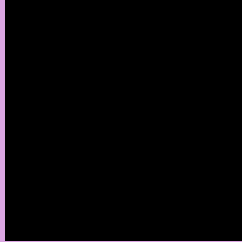
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5771, 47.8235, 78.2004

Background



This preview shows how black text looks on a background with the XYZ color 56.5771, 47.8235, 78.2004.



This preview shows how white text looks on a background with the XYZ color 56.5771, 47.8235,

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

56.5771, 47.8235, 78.2004

Protanopia

48.5916, 48.1164, 86.8471

Deuteranopia

48.9319, 47.9153, 76.4816



Tritanopia

51.3538, 47.6211, 53.4989

Trichromacy



Original Color

56.5771, 47.8235, 78.2004



Protanomaly

50.9724, 47.6252, 83.5968



Deuteranomaly

51.2902, 47.6439, 77.0139



Tritanomaly

52.9417, 47.4136, 61.6197

Monochromacy



Original Color

56.5771, 47.8235, 78.2004



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.0040, 49.5914, 62.7610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5771, 47.8235, 78.2004 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(219, 166, 226)` looks like.

```
.text, #text, p{  
    color:rgb(219, 166, 226)  
}
```

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(219, 166, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 166, 226) }
```

Border

The CSS property to change the border of an element to XYZ 56.5771, 47.8235, 78.2004 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(219, 166, 226) }
```


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

```
.border{ border-color:rgb(219, 166, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 166, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 166, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 166, 226);  
box-shadow:4px 4px 4px 4px rgb(219, 166,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5771, 47.8235, 78.2004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 166, 226) }
```

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

```
.background{ background-color: rgb(219,  
166, 226) }
```

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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