

Converting Colors

XYZ(56.2795, 47.2666, 69.9746)

Have a look what the booklet for
XYZ(56.2795, 47.2666, 69.9746)
contains.

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Color

**XYZ(56.1535, 47.2533,
69.7795)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A4D6
RGB	224, 164, 214
RGB Percent	88%, 64%, 84%
CMY	0.1216, 0.3568, 0.1608
CMYK	0.00, 0.27, 0.04, 0.12
HSL	310°, 49%, 76%
HSV	310°, 27%, 88%
XYZ	56.1535, 47.2533, 69.7795
YIQ	187.6400, 19.7100, 28.2700

Conversions

Conversions Part 2

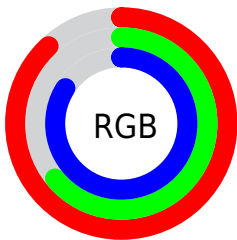
Format	Color
R_{YB}	224, 164, 214
Decimal	14722262
CIE _{Lab}	74.35, 30.10, -16.65
CIE _{LCh}	74, 34.403, 331.047
Yxy	47.2533, 0.3242, 0.2728
Android (android.graphics.Color)	4292912342 (0xFFE0A4D6)
YUV	187.6400, 12.9955, 31.8877
Hunter-Lab	68.7410, 25.5171, -12.0670

Details

The XYZ color **56.1535, 47.2533, 69.7795** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.6074, 64.2612, 49.8362**, and the grayscale version is **47.5180, 49.9926, 54.4419**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **28.0909, 22.1969, 35.6048** is the 20% darker color. If you saturate the color by 10%, you get **52.0214, 39.7427, 66.0768**, and if you desaturate by 10%, it is **61.0054, 56.1844, 73.7771**.

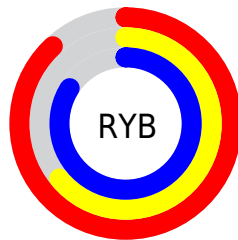
Distribution



Red (88%)

Green (64%)

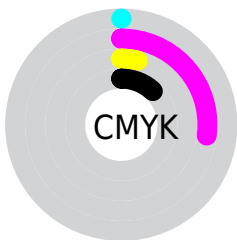
Blue (84%)



Red (88%)

Yellow (64%)

Blue (84%)

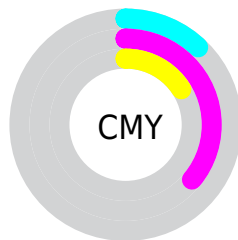


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1535, 47.2533, 69.7795 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 56.1535, 47.2533, 69.7795 by changing the saturation by 10% instead.


 56.1535, 47.2533,
69.7795


 56.1535, 47.2533,
69.7795


400.3354,
375.8247, 478.5436

 40.5635, 33.2359,
50.8711

 98.3675, 86.0916,
120.5724

 28.1643, 22.3073,
35.7300


 125.7222,
111.6813, 153.2940

 18.5907, 14.0828,
23.9377


157.7291,
141.8973, 191.4571

 11.4771, 8.1783,
15.0757

194.7537,
177.1239, 235.4802

 6.4584, 4.2093,
8.7253

237.1613,
217.7456, 285.7819

 3.1690, 1.7913,
4.4681

285.3172,

 1.2438, 0.4817,

264.1467, 342.7806

1.8855

339.5867,
316.7116, 406.8950

■ 0.1405, 0.0000,
0.4835

■ 0.0000, 0.0000,
0.0000

■ 56.1535, 47.2533,
69.7795

■ 56.1535, 47.2533,
69.7795

■ 52.0214, 39.7427,
66.0768

■ 61.0054, 56.1844,
73.7771

■ 48.5676, 33.5722,
62.6533

■ 66.6072, 66.5985,
78.0784

■ 45.7532, 28.6631,
59.4961

■ 72.9925, 78.5618,
82.6955

■ 43.5332, 24.9259,
56.5900

■ 80.1915, 92.1347,
87.6388

41.8570, 22.2591,
53.9176

81.1615, 93.2318,
90.5611

40.6652, 20.5441,
51.4587

81.6997, 93.4470,
93.3951

39.8816, 19.6289,
49.1877

82.2493, 93.6668,
96.2889

39.6746, 19.4210,
48.4832

82.8102, 93.8912,
99.2428

83.3826, 94.1202,
102.2573

Harmonies

Analogous

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



51.3354, 47.2533, 86.5296



56.1535, 47.2533, 69.7795



57.8954, 47.2533, 50.8305

Triad

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



56.1535, 47.2533, 69.7795



44.6957, 47.2533, 24.3404



35.4678, 47.2533, 71.1097

Complementary

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



56.1535, 47.2533, 69.7795



49.6074, 64.2612, 49.8362

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.



34.0325, 47.2533, 52.0762



56.1535, 47.2533, 69.7795



39.0497, 47.2533, 27.4235

Square

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



56.1535, 47.2533, 69.7795



50.9247, 47.2533, 27.0160



35.2823, 47.2533, 36.6505



39.3938, 47.2533, 87.4134

Rectangle

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



56.1535, 47.2533, 69.7795



56.9623, 47.2533, 40.1540



35.2823, 47.2533, 36.6505



34.6951, 47.2533, 64.6895

Sweetspot

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



56.1549, 47.2554, 69.7805



88.3412, 87.4508, 103.9869



44.1877, 40.9339, 76.0938



18.6550, 18.2453, 22.0663



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.



56.1549, 47.2554, 69.7805



72.1972, 57.6755, 90.8591



52.6694, 45.8612, 51.4257



14.1918, 13.8943, 16.7801



23.1301, 11.3190, 28.4145



1.6297, 0.7951, 2.1086

Inverse Universe

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



56.1549, 47.2554, 69.7805



72.1972, 57.6755, 90.8591



52.8663, 65.5647, 66.9972



14.1918, 13.8943, 16.7801



23.1301, 11.3190, 28.4145



1.6297, 0.7951, 2.1086

Previews

White Background



This preview shows how the XYZ color 56.1535, 47.2533, 69.7795 looks on a white background.

Color Contrast Check

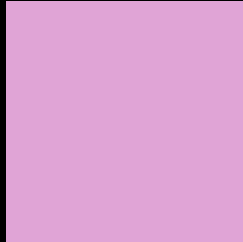
Large Text (above 18pt) WCAG AA × Fail

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 56.1535, 47.2533, 69.7795 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 56.1535, 47.2533, 69.7795

Background



This preview shows how black text looks on a background with the XYZ color 56.1535, 47.2533, 69.7795.



This preview shows how white text looks on a background with the XYZ color 56.1535, 47.2533,

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

56.1535, 47.2533, 69.7795

Protanopia

47.4849, 47.4230, 78.6023

Deuteranopia

48.6170, 47.6347, 68.2600



Tritanopia

52.4372, 47.3840, 51.1820

Trichromacy



Original Color

56.1535, 47.2533, 69.7795



Protanomaly

50.2530, 47.1403, 75.5576



Deuteranomaly

51.1071, 47.4431, 68.7511



Tritanomaly

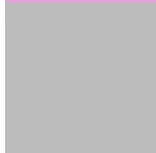
53.5590, 47.2725, 57.3406

Monochromacy



Original Color

56.1535, 47.2533, 69.7795



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.2855, 48.6889, 59.5709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1535, 47.2533, 69.7795 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(224, 164, 214)` looks like.

```
.text, #text, p{  
    color:rgb(224, 164, 214)  
}
```

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(224, 164, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 164, 214) }
```

Border

The CSS property to change the border of an element to XYZ 56.1535, 47.2533, 69.7795 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(224, 164, 214) }
```


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

```
.border{ border-color:rgb(224, 164, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 164, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 164, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 164, 214);  
box-shadow:4px 4px 4px 4px rgb(224, 164,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1535, 47.2533, 69.7795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 164, 214) }
```

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

```
.background{ background-color: rgb(224,  
164, 214) }
```

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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