

Converting Colors

XYZ(56.7275, 48.4744, 77.0319)

Have a look what the booklet for
XYZ(56.7275, 48.4744, 77.0319)
contains.

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Color

**XYZ(56.6706, 48.4472,
76.8854)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA8E0
RGB	219, 168, 224
RGB Percent	86%, 66%, 88%
CMY	0.1412, 0.3412, 0.1216
CMYK	0.02, 0.25, 0.00, 0.12
HSL	295°, 47%, 77%
HSV	295°, 25%, 88%
XYZ	56.6706, 48.4472, 76.8854
YIQ	189.6330, 12.4200, 28.2280

Conversions

Conversions Part 2

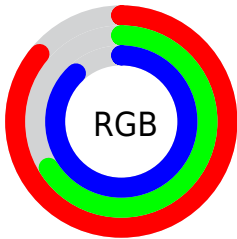
Format	Color
R _Y B	219, 168, 224
Decimal	14395616
CIE Lab	75.11, 28.13, -21.02
CIE LCh	75, 35.118, 323.238
Yxy	48.4472, 0.3114, 0.2662
Android (android.graphics.Color)	4292585696 (0xFFDBA8E0)
YUV	189.6330, 16.9429, 25.7549
Hunter-Lab	69.6040, 23.5251, -16.7696

Details

The XYZ color **56.6706, 48.4472, 76.8854** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.9589, 65.0240, 46.9133**, and the grayscale version is **48.6346, 51.1674, 55.7213**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **28.3964, 22.9126, 40.4620** is the 20% darker color. If you saturate the color by 10%, you get **52.2885, 40.5700, 75.5966**, and if you desaturate by 10%, it is **61.7753, 57.7569, 78.4140**.

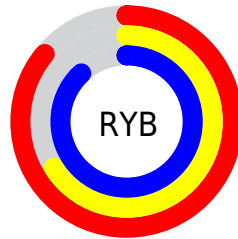
Distribution



Red (86%)

Green (66%)

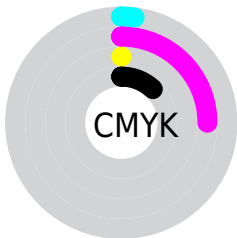
Blue (88%)



Red (86%)

Yellow (66%)

Blue (88%)

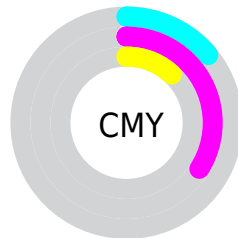


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (12%)



Cyan (14%)


Magenta (34%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6706, 48.4472, 76.8854 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 56.6706, 48.4472, 76.8854 by changing the saturation by 10% instead.


 56.6706, 48.4472,
76.8854


 56.6706, 48.4472,
76.8854

402.2480,
380.5620, 503.8005

 40.9799, 34.1812,
56.6478


 99.1185, 87.8699,
130.7492

 28.4910, 23.0328,
40.3151


 126.6065,
113.7953, 165.2126

 18.8385, 14.6177,
27.4686


158.7576,
144.3760, 205.2549

 11.6569, 8.5515,
17.6900

195.9373,
179.9963, 251.2948

 6.5811, 4.4499,
10.5605

238.5108,
221.0407, 303.7507

 3.2455, 1.9283,
5.6617

286.8435,

 1.2849, 0.5653,

267.8935, 363.0413

2.5750

341.3008,
320.9391, 429.5851

■ 0.1719, 0.0000,
0.8795

■ 0.0000, 0.0000,
0.0000

■ 56.6706, 48.4472,
76.8854

■ 56.6706, 48.4472,
76.8854

■ 52.2885, 40.5700,
75.5966

■ 61.7753, 57.7569,
78.4140

■ 48.5879, 34.0460,
74.5324

■ 67.6318, 68.5607,
80.1907

■ 45.5304, 28.7977,
73.6805

■ 74.2736, 80.9240,
82.2270

■ 43.0723, 24.7374,
73.0264

■ 80.8937, 93.2330,
84.2540

41.1640, 21.7662,
72.5535

81.5282, 93.5601,
84.2837

39.7480, 19.7691,
72.2426

82.1701, 93.8910,
84.3137

38.7540, 18.6053,
72.0704

82.8194, 94.2257,
84.3441

38.3569, 18.2194,
72.0168

83.4761, 94.5643,
84.3748

84.1402, 94.9066,
84.4059

Harmonies

Analogous

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



51.0958, 48.4472, 92.3969



56.6706, 48.4472, 76.8854



59.4372, 48.4472, 57.0273

Triad

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



56.6706, 48.4472, 76.8854



47.5176, 48.4472, 24.8395



35.6032, 48.4472, 67.9777

Complementary

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



56.6706, 48.4472, 76.8854



50.9589, 65.0240, 46.9133

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.



34.8369, 48.4472, 48.6936



56.6706, 48.4472, 76.8854



41.3434, 48.4472, 26.4619

Square

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



56.6706, 48.4472, 76.8854



53.8441, 48.4472, 29.1801



36.8427, 48.4472, 34.2828



39.0426, 48.4472, 86.4748

Rectangle

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



56.6706, 48.4472, 76.8854



59.1504, 48.4472, 45.0565



36.8427, 48.4472, 34.2828



35.0385, 48.4472, 61.2746

Sweetspot

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



56.6721, 48.4493, 76.8864



89.0337, 88.8343, 107.0619



44.6640, 43.8268, 76.6271



18.9511, 18.8185, 22.8835



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.



56.6721, 48.4493, 76.8864



72.8417, 59.2476, 102.2045



55.3580, 48.1001, 61.9973



14.1680, 13.8702, 17.3182



22.3768, 10.6310, 41.9210



1.5869, 0.7554, 2.9074

Inverse Universe

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



52.2876, 46.8719, 45.8288



66.0519, 56.8169, 53.5674



52.1439, 65.3726, 58.8166



13.7567, 13.7203, 14.4889



17.9846, 9.2608, 1.3185



1.2640, 0.6489, 0.1828

Previews

White Background



This preview shows how the XYZ color 56.6706, 48.4472, 76.8854 looks on a white background.

Color Contrast Check

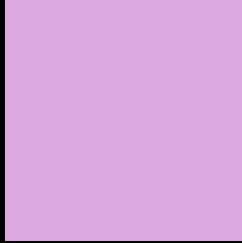
Large Text (above 18pt) WCAG AA × Fail

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 56.6706, 48.4472, 76.8854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

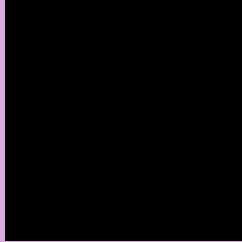
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6706, 48.4472, 76.8854

Background



This preview shows how black text looks on a background with the XYZ color 56.6706, 48.4472, 76.8854.



This preview shows how white text looks on a background with the XYZ color 56.6706, 48.4472,

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

56.6706, 48.4472, 76.8854

Protanopia

48.9421, 48.6358, 85.4054

Deuteranopia

49.7163, 48.6360, 75.8746



Tritanopia

52.1386, 48.5869, 54.2072

Trichromacy



Original Color

56.6706, 48.4472, 76.8854

Protanomaly

51.3305, 48.4291, 82.2437

Deuteranomaly

51.8706, 48.2487, 76.3911

Tritanomaly

53.6140, 48.3210, 61.7595

Monochromacy



Original Color

56.6706, 48.4472, 76.8854

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.4760, 50.1377, 62.8416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6706, 48.4472, 76.8854 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, 168, 224)` looks like.

```
.text, #text, p{  
    color:rgb(219, 168, 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(219, 168, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 168, 224) }
```

Border

The CSS property to change the border of an element to XYZ 56.6706, 48.4472, 76.8854 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, 168, 224) }
```


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

```
.border{ border-color:rgb(219, 168, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 168, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 168, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 168, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 168,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6706, 48.4472, 76.8854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 168, 224) }
```

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

```
.background{ background-color: rgb(219,  
168, 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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