

Converting Colors

XYZ(56.3595, 49.2927, 65.1120)

Have a look what the booklet for
XYZ(56.3595, 49.2927, 65.1120)
contains.

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Color

**XYZ(56.4440, 49.4293,
64.9584)**

Conversions

Conversions Part 1

Format	Color
Hex	E0ABCE
RGB	224, 171, 206
RGB Percent	88%, 67%, 81%
CMY	0.1216, 0.3294, 0.1922
CMYK	0.00, 0.24, 0.08, 0.12
HSL	320°, 46%, 77%
HSV	320°, 24%, 88%
XYZ	56.4440, 49.4293, 64.9584
YIQ	190.8370, 20.3530, 22.1210

Conversions

Conversions Part 2

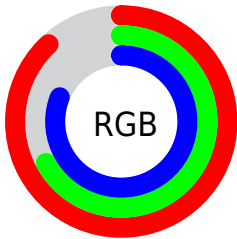
Format	Color
R _Y B	224, 171, 206
Decimal	14724046
CIE Lab	75.72, 24.94, -10.23
CIE LCh	76, 26.954, 337.690
Yxy	49.4293, 0.3304, 0.2893
Android (android.graphics.Color)	4292914126 (0xFFE0ABCE)
YUV	190.8370, 7.4754, 29.0840
Hunter-Lab	70.3060, 20.2703, -5.5661

Details

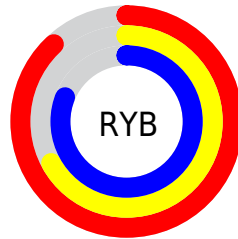
The XYZ color **56.4440, 49.4293, 64.9584** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.6376, 65.6449, 58.0436**, and the grayscale version is **49.3778, 51.9493, 56.5728**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **28.2944, 23.5487, 32.7598** is the 20% darker color. If you saturate the color by 10%, you get **51.6644, 41.3130, 58.9151**, and if you desaturate by 10%, it is **61.9883, 59.0019, 71.4784**.

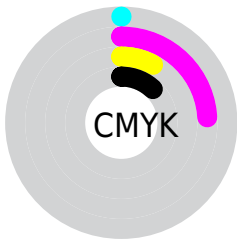
Distribution



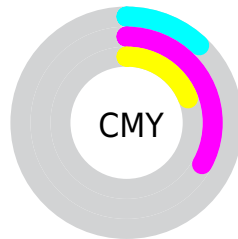
- Red (88%)
- Green (67%)
- Blue (81%)



- Red (88%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4440, 49.4293, 64.9584 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 56.4440, 49.4293, 64.9584 by changing the saturation by 10% instead.

■ 56.4440, 49.4293,
64.9584

■ 56.4440, 49.4293,
64.9584

401.4106,
384.4299, 460.9446

■ 40.7974, 34.9601,
46.9762

■ 98.7895, 89.3287,
113.6028

■ 28.3478, 23.6322,
32.6626

126.2191,
115.5278, 145.1020

■ 18.7298, 15.0610,
21.5991

158.3072,
146.4056, 181.9440

■ 11.5780, 8.8622,
13.3672

195.4189,
182.3466, 224.5474

■ 6.5272, 4.6514,
7.5482

237.9198,
223.7351, 273.3305

■ 3.2119, 2.0442,
3.7236

286.1751,

■ 1.2668, 0.6330,

270.9556, 328.7121

1.4750

340.5503,
324.3924, 391.1106

■ 0.1581, 0.0000,
0.1992

■ 0.0000, 0.0000,
0.0000

■ 56.4440, 49.4293,
64.9584

■ 56.4440, 49.4293,
64.9584

■ 51.6644, 41.3130,
58.9151

■ 61.9883, 59.0019,
71.4784

■ 47.6082, 34.5737,
53.3302

■ 68.3271, 70.0916,
78.4865

■ 44.2372, 29.1351,
48.1881

■ 75.4938, 82.7637,
85.9973

■ 41.5073, 24.9102,
43.4711

■ 81.7044, 93.4489,
93.4191

■ 39.3692, 21.8015,
39.1593

■ 82.8364, 93.9017,
99.3805

■ 37.7662, 19.6965,
35.2305

■ 84.0162, 94.3736,
105.5932

■ 36.6293, 18.4585,
31.6583

■ 84.5509, 94.5875,
108.4086

■ 36.0798, 17.9831,
29.5528

Harmonies

Analogous

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



53.1046, 49.4293, 78.6684



56.4440, 49.4293, 64.9584



57.1623, 49.4293, 50.2208

Triad

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



56.4440, 49.4293, 64.9584



45.7069, 49.4293, 30.8938



39.7795, 49.4293, 72.4609

Complementary

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



56.4440, 49.4293, 64.9584



52.6376, 65.6449, 58.0436

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.



38.0868, 49.4293, 57.5875



56.4440, 49.4293, 64.9584



41.3473, 49.4293, 34.8470

Square

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



56.4440, 49.4293, 64.9584



50.7243, 49.4293, 32.1628



38.6397, 49.4293, 44.0339



43.4266, 49.4293, 83.5076

Rectangle

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



56.4440, 49.4293, 64.9584



56.0143, 49.4293, 42.0175



38.6397, 49.4293, 44.0339



38.9753, 49.4293, 67.6487

Sweetspot

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



56.4455, 49.4315, 64.9594



88.6567, 88.7509, 102.0291



48.9232, 45.2863, 76.6846



18.8637, 18.7993, 21.7150



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.



56.4455, 49.4315, 64.9594



72.6859, 61.1304, 83.3839



53.5264, 48.2639, 49.5881



14.0868, 13.8524, 16.2275



21.0565, 10.4896, 17.4954



1.5009, 0.7436, 1.4305

Inverse Universe

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



56.4455, 49.4315, 64.9594



72.6859, 61.1304, 83.3839



55.7391, 66.8855, 74.3761



14.0868, 13.8524, 16.2275



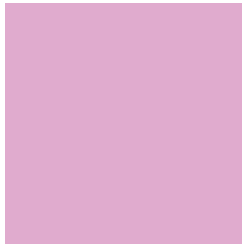
21.0565, 10.4896, 17.4954



1.5009, 0.7436, 1.4305

Previews

White Background



This preview shows how the XYZ color 56.4440, 49.4293, 64.9584 looks on a white background.

Color Contrast Check

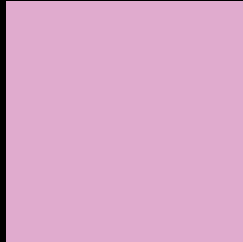
Large Text (above 18pt) WCAG AA × Fail

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 56.4440, 49.4293, 64.9584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

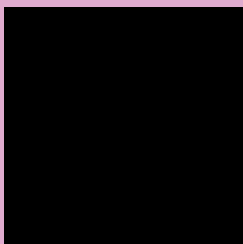
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4440, 49.4293, 64.9584

Background



This preview shows how black text looks on a background with the XYZ color 56.4440, 49.4293, 64.9584.



This preview shows how white text looks on a background with the XYZ color 56.4440, 49.4293,

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

56.4440, 49.4293, 64.9584

Protanopia

48.9061, 49.5493, 71.2763

Deuteranopia

50.6530, 49.6858, 64.0474



Tritanopia

54.3374, 49.4325, 54.2545

Trichromacy



Original Color

56.4440, 49.4293, 64.9584

Protanomaly

51.2309, 49.2663, 69.0965

Deuteranomaly

52.6720, 49.5140, 64.5386

Tritanomaly

55.2253, 49.5152, 58.2765

Monochromacy



Original Color

56.4440, 49.4293, 64.9584

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.7329, 50.9630, 59.3348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4440, 49.4293, 64.9584 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, 171, 206)` looks like.

```
.text, #text, p{  
    color:rgb(224, 171, 206)  
}
```

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, 171, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 171, 206) }
```

Border

The CSS property to change the border of an element to XYZ 56.4440, 49.4293, 64.9584 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, 171, 206) }
```


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

```
.border{ border-color:rgb(224, 171, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 171, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 171, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 171, 206); box-shadow:4px 4px 4px 4px rgb(224, 171, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4440, 49.4293, 64.9584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 171, 206) }
```

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

```
.background{ background-color: rgb(224,  
171, 206) }
```

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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