

Converting Colors

XYZ(56.0549, 49.7529, 72.1243)

Have a look what the booklet for
XYZ(56.0549, 49.7529, 72.1243)
contains.

XYZ(56.0832, 49.6486, 72.2729)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.0832, 49.6486,
72.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	D9ADD9
RGB	217, 173, 217
RGB Percent	85%, 68%, 85%
CMY	0.1490, 0.3215, 0.1490
CMYK	0.00, 0.20, 0.00, 0.15
HSL	300°, 37%, 76%
HSV	300°, 20%, 85%
XYZ	56.0832, 49.6486, 72.2729
YIQ	191.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

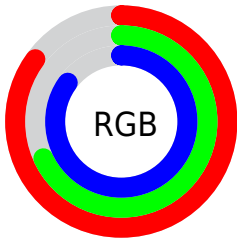
Format	Color
R_{YB}	217, 173, 217
Decimal	14265817
CIE _{Lab}	75.85, 23.46, -16.10
CIE _{LCh}	76, 28.447, 325.542
Yxy	49.6486, 0.3151, 0.2789
Android (android.graphics.Color)	4292455897 (0xFFD9ADD9)
YUV	191.1720, 12.7332, 22.6512
Hunter-Lab	70.4618, 18.7669, -11.4907

Details

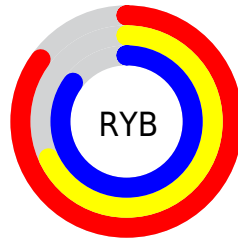
The XYZ color **56.0832, 49.6486, 72.2729** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.5912, 61.5285, 48.8002**, and the grayscale version is **49.5458, 52.1260, 56.7653**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **28.1383, 23.7230, 37.2784** is the 20% darker color. If you saturate the color by 10%, you get **52.2559, 41.9932, 70.9976**, and if you desaturate by 10%, it is **60.5893, 58.6599, 73.7756**.

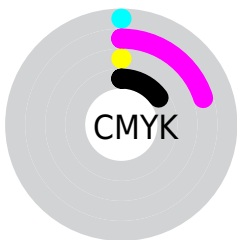
Distribution



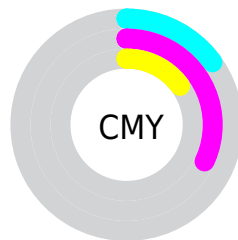
- Red (85%)
- Green (68%)
- Blue (85%)



- Red (85%)
- Yellow (68%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (15%)





- Cyan (15%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0832, 49.6486, 72.2729 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 56.0832, 49.6486, 72.2729 by changing the saturation by 10% instead.


 56.0832, 49.6486,
72.2729

 56.0832, 49.6486,
72.2729


400.0749,
385.2902, 487.4940

 40.5069, 35.1343,
52.8934

 98.2653, 89.6540,
124.1558

 28.1200, 23.7663,
37.3306


125.6018,
115.9139, 157.4963

 18.5570, 15.1604,
25.1657


157.5892,
146.8577, 196.3275

 11.4527, 8.9320,
15.9804

194.5926,
182.8699, 241.0680

 6.4417, 4.6969,
9.3561

236.9775,
224.3348, 292.1364

 3.1587, 2.0705,
4.8742

285.1093,

 1.2382, 0.6480,

271.6369, 349.9512

2.1162

339.3533,
325.1606, 414.9308

■ 0.1362, 0.0000,
0.6254

■ 0.0000, 0.0000,
0.0000

■ 56.0832, 49.6486,
72.2729

■ 56.0832, 49.6486,
72.2729

■ 52.2559, 41.9932,
70.9976

■ 60.5893, 58.6599,
73.7756

■ 49.0703, 35.6220,
69.9357

■ 65.8000, 69.0814,
75.5125

■ 46.4927, 30.4667,
69.0764

■ 71.7454, 80.9722,
77.4944

■ 44.4843, 26.4500,
68.4069

■ 76.9002, 91.2817,
79.2127

43.0021, 23.4856,
67.9128

76.9003, 91.2818,
79.2128

41.9969, 21.4752,
67.5776

76.9003, 91.2818,
79.2129

41.4102, 20.3019,
67.3820

76.9003, 91.2818,
79.2129

41.1401, 19.7617,
67.2919

76.9003, 91.2818,
79.2130

76.9003, 91.2818,
79.2131

Harmonies

Analogous

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



51.7126, 49.6486, 84.8327



56.0832, 49.6486, 72.2729



58.0742, 49.6486, 56.3547

Triad

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



56.0832, 49.6486, 72.2729



47.9845, 49.6486, 29.9066



38.5940, 49.6486, 67.6175

Complementary

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



56.0832, 49.6486, 72.2729



49.5912, 61.5285, 48.8002

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.



37.7577, 49.6486, 51.8263



56.0832, 49.6486, 72.2729



42.9382, 49.6486, 31.8047

Square

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



56.0832, 49.6486, 72.2729



53.1817, 49.6486, 33.4210



39.2896, 49.6486, 39.1951



41.6652, 49.6486, 81.8118

Rectangle

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



56.0832, 49.6486, 72.2729



57.6832, 49.6486, 46.6229



39.2896, 49.6486, 39.1951



38.0525, 49.6486, 62.2463

Sweetspot

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



56.0847, 49.6508, 72.2740



90.3618, 90.6237, 107.3372



44.7037, 43.7837, 71.7415



19.2369, 19.1886, 22.9398



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.



56.0847, 49.6508, 72.2740



78.5373, 66.9746, 103.3955



53.4109, 48.5812, 58.1937



13.6144, 13.2749, 16.4969



24.9037, 11.9625, 40.7344



1.6134, 0.7750, 2.6390

Inverse Universe

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



56.0847, 49.6508, 72.2740



78.5373, 66.9746, 103.3955



51.8985, 62.4515, 60.9506



13.6144, 13.2749, 16.4969



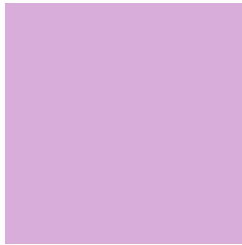
24.9037, 11.9625, 40.7344



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 56.0832, 49.6486, 72.2729 looks on a white background.

Color Contrast Check

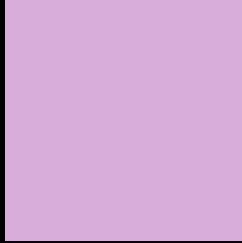
Large Text (above 18pt) WCAG AA × Fail

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 56.0832, 49.6486, 72.2729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

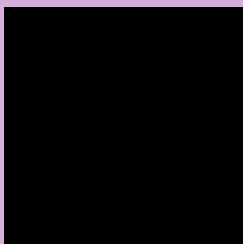
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0832, 49.6486, 72.2729

Background



This preview shows how black text looks on a background with the XYZ color 56.0832, 49.6486, 72.2729.



This preview shows how white text looks on a background with the XYZ color 56.0832, 49.6486,

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

56.0832, 49.6486, 72.2729

Protanopia

49.5300, 49.7179, 78.2202

Deuteranopia

50.9375, 49.9797, 71.2523



Tritanopia

52.7649, 49.7485, 56.1116

Trichromacy



Original Color

56.0832, 49.6486, 72.2729

Protanomaly

51.7010, 49.6591, 75.9675

Deuteranomaly

52.6022, 49.6156, 71.7701

Tritanomaly

53.6822, 49.5169, 61.3719

Monochromacy



Original Color

56.0832, 49.6486, 72.2729

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.3852, 50.7305, 61.7272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0832, 49.6486, 72.2729 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(217, 173, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 173, 217)  
}
```

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(217, 173, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 173, 217) }
```

Border

The CSS property to change the border of an element to XYZ 56.0832, 49.6486, 72.2729 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(217, 173, 217) }
```


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

```
.border{ border-color:rgb(217, 173, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 173, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 173, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 173, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 173,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0832, 49.6486, 72.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 173, 217) }
```

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

```
.background{ background-color: rgb(217,  
173, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor