

Converting Colors

XYZ(57.3721, 49.8365, 68.2236)

Have a look what the booklet for XYZ(57.3721, 49.8365, 68.2236) contains.

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Color

**XYZ(57.3721, 49.8365,
68.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ABD3
RGB	225, 171, 211
RGB Percent	88%, 67%, 83%
CMY	0.1176, 0.3294, 0.1725
CMYK	0.00, 0.24, 0.06, 0.12
HSL	316°, 47%, 78%
HSV	316°, 24%, 88%
XYZ	57.3721, 49.8365, 68.2236
YIQ	191.7060, 19.3440, 23.8880

Conversions

Conversions Part 2

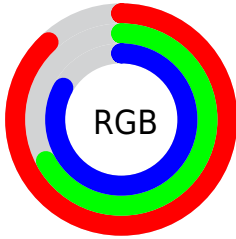
Format	Color
R_{YB}	225, 171, 211
Decimal	14789587
CIE _{Lab}	75.97, 26.15, -12.57
CIE _{LCh}	76, 29.012, 334.315
Yxy	49.8365, 0.3270, 0.2841
Android (android.graphics.Color)	4292979667 (0xFFE1ABD3)
YUV	191.7060, 9.5119, 29.1988
Hunter-Lab	70.5950, 21.5247, -7.8819

Details

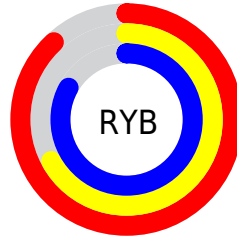
The XYZ color **57.3721, 49.8365, 68.2236** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.4787, 66.0125, 55.8776**, and the grayscale version is **49.8712, 52.4684, 57.1381**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **28.8414, 23.7922, 34.5247** is the 20% darker color. If you saturate the color by 10%, you get **52.7606, 41.7622, 63.1437**, and if you desaturate by 10%, it is **62.7365, 59.3726, 73.6866**.

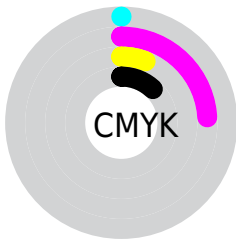
Distribution



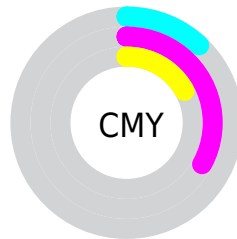
- Red (88%)
- Green (67%)
- Blue (83%)



- Red (88%)
- Yellow (67%)
- Blue (83%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (12%)





- Cyan (12%)
- Magenta (33%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3721, 49.8365, 68.2236 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 57.3721, 49.8365, 68.2236 by changing the saturation by 10% instead.


 57.3721, 49.8365,
68.2236

 57.3721, 49.8365,
68.2236


404.8338,
386.0262, 472.9074

 41.5454, 35.2835,
49.6118


 100.1362, 89.9326,
118.3292

 28.9350, 23.8813,
34.7361

127.8042,
116.2445, 150.6601

 19.1757, 15.2456,
23.1777


160.1500,
147.2447, 188.4012

 11.9021, 8.9920,
14.5182

197.5390,
183.3178, 231.9709

 6.7487, 4.7359,
8.3391

240.3366,
224.8481, 281.7879

 3.3504, 2.0932,
4.2218

288.9080,

 1.3417, 0.6608,

272.2200, 338.2706

1.7478

343.6186,
325.8179, 401.8376

■ 0.2141, 0.0000,
0.3932

■ 0.0000, 0.0000,
0.0000

■ 57.3721, 49.8365,
68.2236

■ 57.3721, 49.8365,
68.2236

■ 52.7606, 41.7622,
63.1437

■ 62.7365, 59.3726,
73.6866

■ 48.8608, 35.0697,
58.4299

■ 68.8836, 70.4321,
79.5423

■ 45.6338, 29.6816,
54.0688

■ 75.8471, 83.0810,
85.8038

■ 43.0356, 25.5097,
50.0440

■ 81.7114, 93.4876,
91.8338

41.0165, 22.4554,
46.3375

82.5652, 93.8291,
96.3299

39.5190, 20.4043,
42.9289

83.4469, 94.1818,
100.9728

38.4734, 19.2171,
39.7933

84.3567, 94.5457,
105.7638

37.9956, 18.7853,
38.0194

84.8617, 94.7477,
108.4232

Harmonies

Analogous

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



53.4762, 49.8365, 82.7689



57.3721, 49.8365, 68.2236



58.5137, 49.8365, 52.0533

Triad

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



57.3721, 49.8365, 68.2236



46.5899, 49.8365, 29.6524



39.2871, 49.8365, 72.8456

Complementary

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



57.3721, 49.8365, 68.2236



52.4787, 66.0125, 55.8776

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.



37.7361, 49.8365, 56.5354



57.3721, 49.8365, 68.2236



41.7438, 49.8365, 33.1932

Square

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



57.3721, 49.8365, 68.2236



52.0202, 49.8365, 31.6045



38.6004, 49.8365, 42.3508



43.0020, 49.8365, 85.7740

Rectangle

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



57.3721, 49.8365, 68.2236



57.4916, 49.8365, 42.9004



38.6004, 49.8365, 42.3508



38.5087, 49.8365, 67.4744

Sweetspot

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



57.3736, 49.8387, 68.2247



88.8813, 88.8408, 103.2119



48.0428, 44.8168, 77.3533



18.9158, 18.8201, 21.9893



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.



57.3736, 49.8387, 68.2247



72.8891, 60.3741, 87.0363



54.3203, 48.6174, 52.1461



14.1353, 13.8718, 16.4827



21.9446, 10.8449, 22.1720



1.5570, 0.7661, 1.7259

Inverse Universe

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



57.3736, 49.8387, 68.2247



72.8891, 60.3741, 87.0363



55.5422, 67.2379, 72.0094



14.1353, 13.8718, 16.4827



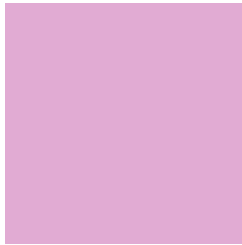
21.9446, 10.8449, 22.1720



1.5570, 0.7661, 1.7259

Previews

White Background



This preview shows how the XYZ color 57.3721, 49.8365, 68.2236 looks on a white background.

Color Contrast Check

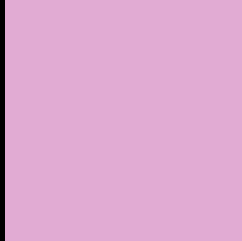
Large Text (above 18pt) WCAG AA × Fail

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 57.3721, 49.8365, 68.2236 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 57.3721, 49.8365, 68.2236

Background



This preview shows how black text looks on a background with the XYZ color 57.3721, 49.8365, 68.2236.



This preview shows how white text looks on a background with the XYZ color 57.3721, 49.8365,

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

57.3721, 49.8365, 68.2236

Protanopia

49.6661, 50.1620, 75.4712

Deuteranopia

51.2071, 50.2062, 67.3135



Tritanopia

54.6395, 49.8637, 54.8889

Trichromacy



Original Color

57.3721, 49.8365, 68.2236

Protanomaly

52.0742, 49.9278, 72.5381

Deuteranomaly

53.4851, 50.1587, 67.8354

Tritanomaly

55.6455, 49.9913, 59.5398

Monochromacy



Original Color

57.3721, 49.8365, 68.2236

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.3511, 51.2419, 61.1643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3721, 49.8365, 68.2236 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(225, 171, 211)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 211)  
}
```

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(225, 171, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 211) }
```

Border

The CSS property to change the border of an element to XYZ 57.3721, 49.8365, 68.2236 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(225, 171, 211) }
```


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

```
.border{ border-color:rgb(225, 171, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 171, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 211);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3721, 49.8365, 68.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 211) }
```

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

```
.background{ background-color: rgb(225,  
171, 211) }
```

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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