

Converting Colors

XYZ(49.2352, 42.5686, 60.8799)

Have a look what the booklet for
XYZ(49.2352, 42.5686, 60.8799)
contains.

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Color

**XYZ(49.2352, 42.5686,
60.8799)**

Conversions

Conversions Part 1

Format	Color
Hex	D19FC9
RGB	209, 159, 201
RGB Percent	82%, 62%, 79%
CMY	0.1804, 0.3765, 0.2118
CMYK	0.00, 0.24, 0.04, 0.18
HSL	310°, 35%, 72%
HSV	310°, 24%, 82%
XYZ	49.2352, 42.5686, 60.8799
YIQ	178.7380, 16.3180, 23.6620

Conversions

Conversions Part 2

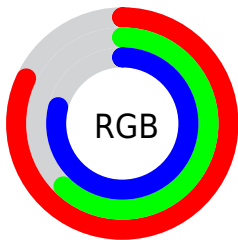
Format	Color
R_{YB}	209, 159, 201
Decimal	13737929
CIE _{Lab}	71.26, 25.43, -14.32
CIE _{LCh}	71, 29.185, 330.626
Yxy	42.5686, 0.3225, 0.2788
Android (android.graphics.Color)	4291928009 (0xFFD19FC9)
YUV	178.7380, 10.9752, 26.5398
Hunter-Lab	65.2446, 20.5224, -9.6524

Details

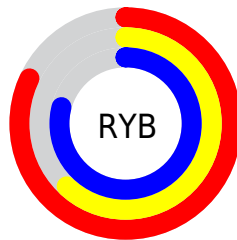
The XYZ color **49.2352, 42.5686, 60.8799** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.0753, 55.7631, 45.0019**, and the grayscale version is **42.6468, 44.8677, 48.8609**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **23.8506, 19.4920, 30.1090** is the 20% darker color. If you saturate the color by 10%, you get **45.5518, 35.8239, 57.7325**, and if you desaturate by 10%, it is **53.5374, 50.5358, 64.2768**.

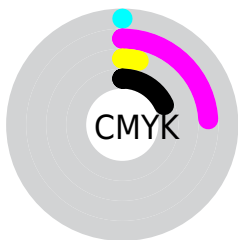
Distribution



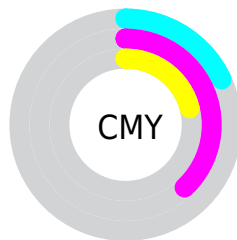
- Red (82%)
- Green (62%)
- Blue (79%)



- Red (82%)
- Yellow (62%)
- Blue (79%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (18%)





- Cyan (18%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2352, 42.5686, 60.8799 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 49.2352, 42.5686, 60.8799 by changing the saturation by 10% instead.


 49.2352, 42.5686,
60.8799


 49.2352, 42.5686,
60.8799


374.1691,
356.8346, 445.7279

 35.0214, 29.5468,
43.6983

 88.2393, 79.0595,
107.6609

 23.8459, 19.4948,
30.0980


 113.7603,
103.2973, 138.0973

 15.3435, 12.0284,
19.6603


143.7811,
132.0426, 173.7892

 9.1487, 6.7630,
11.9667

178.6670,
165.6797, 215.1549

 4.8962, 3.3143,
6.5988

218.7834,
204.5931, 262.6131

 2.2206, 1.2980,
3.1378

264.4957,

 0.7536, 0.1396,

249.1671, 316.5823

1.1654

316.1691,
299.7861, 377.4811

■ 0.0000, 0.0000,
0.0000

■ 49.2352, 42.5686,
60.8799

■ 49.2352, 42.5686,
60.8799

■ 45.5518, 35.8239,
57.7325

■ 53.5374, 50.5358,
64.2768

■ 42.4527, 30.2349,
54.8214

■ 58.4830, 59.7767,
67.9301

■ 39.9060, 25.7371,
52.1362

■ 64.0999, 70.3464,
71.8501

■ 37.8750, 22.2573,
49.6644

■ 70.4133, 82.2950,
76.0452

■ 36.3186, 19.7134,
47.3920

■ 74.6734, 90.1229,
79.5992

■ 35.1894, 18.0105,
45.3028

■ 75.1149, 90.2995,
81.9239

■ 34.4298, 17.0337,
43.3775

■ 75.5652, 90.4796,
84.2953

■ 34.0876, 16.6726,
42.2668

■ 76.0245, 90.6633,
86.7138

■ 76.4927, 90.8506,
89.1796

Harmonies

Analogous

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



45.4503, 42.5686, 73.6515



49.2352, 42.5686, 60.8799



50.6277, 42.5686, 46.0561

Triad

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



49.2352, 42.5686, 60.8799



40.3574, 42.5686, 24.2715



32.8846, 42.5686, 61.4937

Complementary

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



49.2352, 42.5686, 60.8799



44.0753, 55.7631, 45.0019

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.



31.7541, 42.5686, 46.6451



49.2352, 42.5686, 60.8799



35.8493, 42.5686, 26.7977

Square

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



49.2352, 42.5686, 60.8799



45.2581, 42.5686, 26.5938



32.7951, 42.5686, 34.3380



36.0139, 42.5686, 74.0532

Rectangle

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



49.2352, 42.5686, 60.8799



49.9306, 42.5686, 37.4827



32.7951, 42.5686, 34.3380



32.2701, 42.5686, 56.5158

Sweetspot

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



49.2365, 42.5705, 60.8808



89.1611, 88.9527, 104.6852



39.7395, 37.5630, 65.4782



18.9807, 18.8461, 22.3312



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.



49.2365, 42.5705, 60.8808



73.9769, 60.8092, 92.7646



46.5802, 41.5079, 46.8928



12.2261, 11.9752, 14.4667



21.0477, 10.2919, 26.2209



1.1992, 0.5844, 1.5836

Inverse Universe

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



49.2365, 42.5705, 60.8808



73.9769, 60.8092, 92.7646



46.5591, 56.7566, 58.0818



12.2261, 11.9752, 14.4667



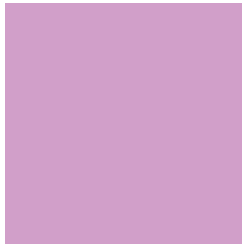
21.0477, 10.2919, 26.2209



1.1992, 0.5844, 1.5836

Previews

White Background



This preview shows how the XYZ color 49.2352, 42.5686, 60.8799 looks on a white background.

Color Contrast Check

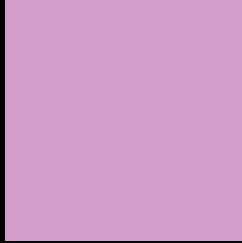
Large Text (above 18pt) WCAG AA × Fail

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 49.2352, 42.5686, 60.8799 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 49.2352, 42.5686, 60.8799

Background



This preview shows how black text looks on a background with the XYZ color 49.2352, 42.5686, 60.8799.



This preview shows how white text looks on a background with the XYZ color 49.2352, 42.5686,

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

49.2352, 42.5686, 60.8799

Protanopia

42.5128, 42.7558, 66.9848

Deuteranopia

43.5059, 42.5763, 59.9579



Tritanopia

46.3873, 42.4508, 46.8232

Trichromacy



Original Color

49.2352, 42.5686, 60.8799

Protanomaly

44.5565, 42.4553, 64.8778

Deuteranomaly

45.5474, 42.5189, 60.4499

Tritanomaly

47.4094, 42.6088, 51.6245

Monochromacy



Original Color

49.2352, 42.5686, 60.8799

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.9574, 44.0401, 53.1448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2352, 42.5686, 60.8799 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(209, 159, 201)` looks like.

```
.text, #text, p{  
    color:rgb(209, 159, 201)  
}
```

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(209, 159, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 159, 201) }
```

Border

The CSS property to change the border of an element to XYZ 49.2352, 42.5686, 60.8799 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(209, 159, 201) }
```


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

```
.border{ border-color:rgb(209, 159, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 159, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 159, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 159, 201);  
box-shadow:4px 4px 4px 4px rgb(209, 159,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2352, 42.5686, 60.8799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 159, 201) }
```

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

```
.background{ background-color: rgb(209,  
159, 201) }
```

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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