

Converting Colors

XYZ(47.1729, 41.0151, 60.4354)

Have a look what the booklet for
XYZ(47.1729, 41.0151, 60.4354)
contains.

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Color

**XYZ(47.2282, 41.0275,
60.6882)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9DC9
RGB	203, 157, 201
RGB Percent	80%, 62%, 79%
CMY	0.2039, 0.3843, 0.2118
CMYK	0.00, 0.23, 0.01, 0.20
HSL	303°, 31%, 71%
HSV	303°, 23%, 80%
XYZ	47.2282, 41.0275, 60.6882
YIQ	175.7700, 13.2920, 23.4360

Conversions

Conversions Part 2

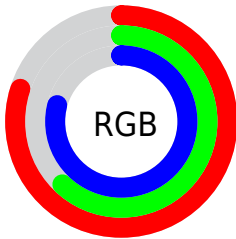
Format	Color
R_{YB}	203, 157, 201
Decimal	13344201
CIE _{Lab}	70.20, 24.50, -15.98
CIE _{LCh}	70, 29.247, 326.880
Yxy	41.0275, 0.3171, 0.2755
Android (android.graphics.Color)	4291534281 (0xFFFCB9DC9)
YUV	175.7700, 12.4384, 23.8807
Hunter-Lab	64.0527, 19.5218, -11.3388

Details

The XYZ color **47.2282, 41.0275, 60.6882** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.5202, 52.3845, 40.7261**, and the grayscale version is **41.0806, 43.2200, 47.0666**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **22.5308, 18.5056, 29.9882** is the 20% darker color. If you saturate the color by 10%, you get **43.9718, 34.6798, 59.0922**, and if you desaturate by 10%, it is **51.0583, 48.5203, 62.4793**.

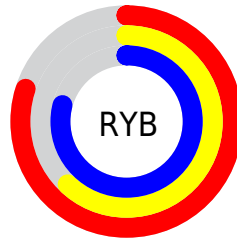
Distribution



Red (80%)

Green (62%)

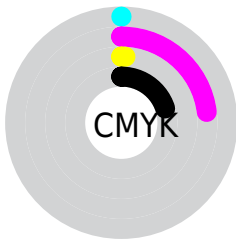
Blue (79%)



Red (80%)

Yellow (62%)

Blue (79%)

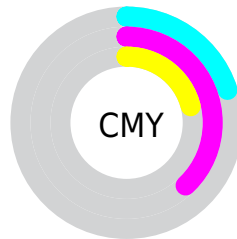


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2282, 41.0275, 60.6882 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 47.2282, 41.0275, 60.6882 by changing the saturation by 10% instead.


 47.2282, 41.0275,
60.6882


 47.2282, 41.0275,
60.6882


366.3584,
350.4355, 445.0047

 33.4248, 28.3406,
43.5447


 85.2708, 76.7256,
107.3805

 22.6129, 18.5825,
29.9781

 110.2408,
100.5056, 137.7663

 14.4270, 11.3690,
19.5701

139.6636,
128.7521, 173.4033

 8.5019, 6.3156,
11.9020

173.9046,
161.8495, 214.7100

 4.4723, 3.0379,
6.5552

213.3293,
200.1821, 262.1049

 1.9726, 1.1516,
3.1113

258.3029,

 0.6185, 0.0216,

244.1344, 316.0067

1.1518

309.1908,
294.0907, 376.8337

■ 0.0000, 0.0000,
0.0000

■ 47.2282, 41.0275,
60.6882

■ 47.2282, 41.0275,
60.6882

■ 43.9718, 34.6798,
59.0922

■ 51.0583, 48.5203,
62.4793

■ 41.2572, 29.4154,
57.6793

■ 55.4846, 57.2052,
64.4716

■ 39.0551, 25.1750,
56.4402

■ 60.5328, 67.1331,
66.6742

■ 37.3319, 21.8914,
55.3636

■ 66.2264, 78.3505,
69.0948

■ 36.0499, 19.4895,
54.4370

■ 71.4586, 88.6446,
71.3647

■ 35.1661, 17.8828,
53.6461

■ 71.5658, 88.6874,
71.9291

■ 34.6285, 16.9677,
52.9735

■ 71.6736, 88.7306,
72.4968

■ 34.3860, 16.5995,
52.5322

■ 71.7820, 88.7739,
73.0676

■ 71.8910, 88.8175,
73.6416

Harmonies

Analogous

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



43.3091, 41.0275, 72.5684



47.2282, 41.0275, 60.6882



48.9329, 41.0275, 46.1229

Triad

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



47.2282, 41.0275, 60.6882



39.4988, 41.0275, 23.1725



31.3444, 41.0275, 57.6892

Complementary

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



47.2282, 41.0275, 60.6882



41.5202, 52.3845, 40.7261

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.



30.5036, 41.0275, 43.2518



47.2282, 41.0275, 60.6882



34.9781, 41.0275, 25.0348

Square

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



47.2282, 41.0275, 60.6882



44.2469, 41.0275, 26.0233



31.7797, 41.0275, 31.7550



34.1768, 41.0275, 70.6027

Rectangle

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



47.2282, 41.0275, 60.6882



48.4885, 41.0275, 37.4428



31.7797, 41.0275, 31.7550



30.8300, 41.0275, 52.7764

Sweetspot

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



47.2295, 41.0293, 60.6891



89.4929, 89.0854, 106.4323



37.0440, 35.7511, 61.4490



19.0578, 18.8769, 22.7371



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.



47.2295, 41.0293, 60.6891



76.4021, 63.4697, 100.3241



44.7699, 40.0455, 47.7371



11.6657, 11.3950, 14.0399



21.8918, 10.5673, 33.4784



1.1360, 0.5478, 1.7623

Inverse Universe

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



47.2295, 41.0293, 60.6891



76.4021, 63.4697, 100.3241



43.6574, 53.2393, 51.9803



11.6657, 11.3950, 14.0399



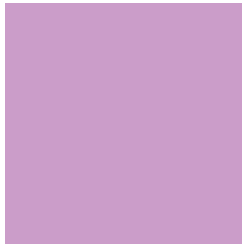
21.8918, 10.5673, 33.4784



1.1360, 0.5478, 1.7623

Previews

White Background



This preview shows how the XYZ color 47.2282, 41.0275, 60.6882 looks on a white background.

Color Contrast Check

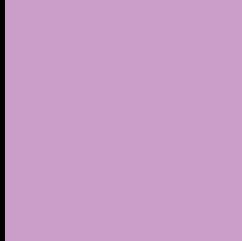
Large Text (above 18pt) WCAG AA × Fail

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 47.2282, 41.0275, 60.6882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

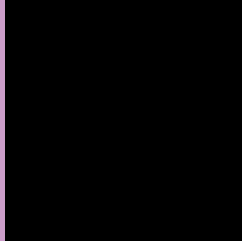
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2282, 41.0275, 60.6882

Background



This preview shows how black text looks on a background with the XYZ color 47.2282, 41.0275, 60.6882.



This preview shows how white text looks on a background with the XYZ color 47.2282, 41.0275,

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

47.2282, 41.0275, 60.6882

Protanopia

41.1118, 41.1891, 66.7562

Deuteranopia

42.2159, 41.3589, 59.7909



Tritanopia

44.1135, 41.0388, 45.6406

Trichromacy



Original Color

47.2282, 41.0275, 60.6882

Protanomaly

43.0777, 40.8802, 64.6517

Deuteranomaly

43.9505, 41.1602, 60.2718

Tritanomaly

45.0420, 40.8817, 50.8644

Monochromacy



Original Color

47.2282, 41.0275, 60.6882

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.1946, 42.3178, 51.7905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2282, 41.0275, 60.6882 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(203, 157, 201)` looks like.

```
.text, #text, p{  
    color:rgb(203, 157, 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(203, 157, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 157, 201) }
```

Border

The CSS property to change the border of an element to XYZ 47.2282, 41.0275, 60.6882 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(203, 157, 201) }
```


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

```
.border{ border-color:rgb(203, 157, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 157, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 157, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 157, 201);  
box-shadow:4px 4px 4px 4px rgb(203, 157,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2282, 41.0275, 60.6882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 157, 201) }
```

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

```
.background{ background-color: rgb(203,  
157, 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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