

Converting Colors

XYZ(46.5019, 39.1488, 42.4546)

Have a look what the booklet for
XYZ(46.5019, 39.1488, 42.4546)
contains.

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Color

**XYZ(46.5241, 39.1112,
42.6332)**

Conversions

Conversions Part 1

Format	Color
Hex	D995A9
RGB	217, 149, 169
RGB Percent	85%, 58%, 66%
CMY	0.1490, 0.4157, 0.3373
CMYK	0.00, 0.31, 0.22, 0.15
HSL	342°, 47%, 72%
HSV	342°, 31%, 85%
XYZ	46.5241, 39.1112, 42.6332
YIQ	171.6120, 34.1080, 20.6360

Conversions

Conversions Part 2

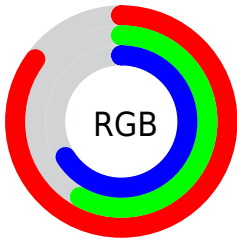
Format	Color
R _Y B	217, 149, 169
Decimal	14259625
CIE Lab	68.83, 28.39, -0.05
CIE LCh	69, 28.395, 359.890
Yxy	39.1112, 0.3627, 0.3049
Android (android.graphics.Color)	4292449705 (0xFFD995A9)
YUV	171.6120, -1.2877, 39.8053
Hunter-Lab	62.5389, 23.3469, 3.3589

Details

The XYZ color **46.5241, 39.1112, 42.6332** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.2870, 60.0474, 61.9243**, and the grayscale version is **39.0119, 41.0435, 44.6964**.

A 20% lighter version of the original color is **76.2874, 69.8275, 79.9783**, and **22.1835, 17.4108, 19.0210** is the 20% darker color. If you saturate the color by 10%, you get **42.0505, 32.3321, 34.4577**, and if you desaturate by 10%, it is **51.8080, 47.2406, 51.9110**.

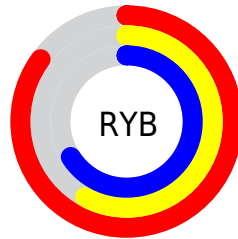
Distribution



Red (85%)

Green (58%)

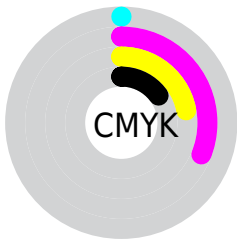
Blue (66%)



Red (85%)

Yellow (58%)

Blue (66%)

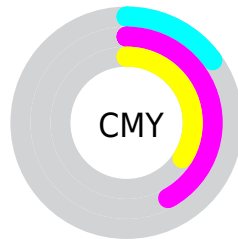


Cyan (0%)

Magenta (31%)

Yellow (22%)

Black (15%)



Cyan (15%)


Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5241, 39.1112, 42.6332 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 46.5241, 39.1112, 42.6332 by changing the saturation by 10% instead.


 46.5241, 39.1112,
42.6332

 46.5241, 39.1112,
42.6332


363.5924,
342.3630, 372.9779

 32.8660, 26.8462,
29.2682


 84.2259, 73.8082,
80.4375

 22.1825, 17.4578,
19.0364


 109.0003, 97.0090,
105.7138

 14.1084, 10.5614,
11.5195


138.2107,
124.6238, 135.7976

 8.2783, 5.7728,
6.2989

172.2227,
157.0372, 171.1074

 4.3269, 2.7074,
2.9559

211.4015,
194.6334, 212.0618

 1.8887, 0.9810,
1.0722

256.1125,

 0.5702, 0.0000,

237.7968, 259.0793

0.0000

306.7210,
286.9119, 312.5785

■ 0.0000, 0.0000,
0.0000

■ 46.5241, 39.1112,
42.6332

■ 46.5241, 39.1112,
42.6332

■ 42.0505, 32.3321,
34.4577

■ 51.8080, 47.2406,
51.9110

■ 38.3426, 26.8242,
27.3397

■ 57.9373, 56.7827,
62.3287

■ 35.3563, 22.5089,
21.2348

■ 64.9489, 67.8025,
73.9250

■ 33.0414, 19.2963,
16.0942

■ 72.8766, 80.3595,
86.7359

■ 31.3409, 17.0835,
11.8645

■ 80.9477, 92.9007,
100.5278

■ 30.1876, 15.7480,
8.4863

■ 82.4253, 93.4918,
108.3092

■ 29.5355, 15.1198,
6.1844

Harmonies

Analogous

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



45.1801, 39.1112, 56.2789



46.5241, 39.1112, 42.6332



45.1991, 39.1112, 31.3829

Triad

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



46.5241, 39.1112, 42.6332



33.0232, 39.1112, 24.4986



32.9966, 39.1112, 67.8457

Complementary

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



46.5241, 39.1112, 42.6332



47.2870, 60.0474, 61.9243

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.



30.1599, 39.1112, 56.1794



46.5241, 39.1112, 42.6332



30.1744, 39.1112, 31.3155

Square

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



46.5241, 39.1112, 42.6332



37.1907, 39.1112, 22.2868



29.1689, 39.1112, 42.5377



37.1574, 39.1112, 72.5141

Rectangle

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



46.5241, 39.1112, 42.6332



43.0372, 39.1112, 26.2937



29.1689, 39.1112, 42.5377



31.8691, 39.1112, 64.5101

Sweetspot

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



46.5252, 39.1130, 42.6340



85.6610, 85.2215, 93.4403



46.1946, 38.3231, 70.6082



18.0316, 17.7655, 19.4937



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.



46.5252, 39.1130, 42.6340



62.4103, 49.3184, 53.0170



47.0677, 42.9760, 34.2506



13.2128, 13.1142, 14.3818



17.9195, 9.1689, 3.9563



1.1981, 0.6089, 0.4522

Inverse Universe

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



46.5252, 39.1130, 42.6340



62.4103, 49.3184, 53.0170



46.3707, 54.3015, 73.6831



13.2128, 13.1142, 14.3818



17.9195, 9.1689, 3.9563



1.1981, 0.6089, 0.4522

Previews

White Background



This preview shows how the XYZ color 46.5241, 39.1112, 42.6332 looks on a white background.

Color Contrast Check

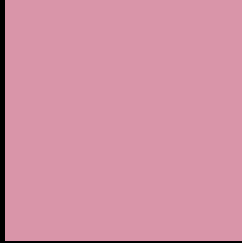
Large Text (above 18pt) WCAG AA × Fail

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 46.5241, 39.1112, 42.6332 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 46.5241, 39.1112, 42.6332

Background



This preview shows how black text looks on a background with the XYZ color 46.5241, 39.1112, 42.6332.



This preview shows how white text looks on a background with the XYZ color 46.5241, 39.1112,

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

46.5241, 39.1112, 42.6332

Protanopia

38.2054, 39.2576, 48.7438

Deuteranopia

39.9877, 39.2618, 41.5471



Tritanopia

45.7468, 39.0203, 39.3030

Trichromacy



Original Color

46.5241, 39.1112, 42.6332

Protanomaly

40.6570, 38.7153, 46.4042

Deuteranomaly

42.2279, 39.1141, 41.8833

Tritanomaly

46.0168, 39.1282, 40.7245

Monochromacy



Original Color

46.5241, 39.1112, 42.6332

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.3652, 40.1826, 44.1039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5241, 39.1112, 42.6332 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, 149, 169)` looks like.

```
.text, #text, p{  
    color:rgb(217, 149, 169)  
}
```

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, 149, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 149, 169) }
```

Border

The CSS property to change the border of an element to XYZ 46.5241, 39.1112, 42.6332 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, 149, 169) }
```


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

```
.border{ border-color:rgb(217, 149, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 149, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 149, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 149, 169);  
box-shadow:4px 4px 4px 4px rgb(217, 149,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5241, 39.1112, 42.6332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 149, 169) }
```

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

```
.background{ background-color: rgb(217,  
149, 169) }
```

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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