

Converting Colors

XYZ(41.9499, 42.3748, 58.1927)

Have a look what the booklet for
XYZ(41.9499, 42.3748, 58.1927)
contains.

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Color

**XYZ(41.9499, 42.3748,
58.1927)**

Conversions

Conversions Part 1

Format	Color
Hex	ADACC4
RGB	173, 172, 196
RGB Percent	68%, 67%, 77%
CMY	0.3216, 0.3255, 0.2314
CMYK	0.12, 0.12, 0.00, 0.23
HSL	242°, 17%, 72%
HSV	242°, 12%, 77%
XYZ	41.9499, 42.3748, 58.1927
YIQ	175.0350, -7.1080, 7.6760

Conversions

Conversions Part 2

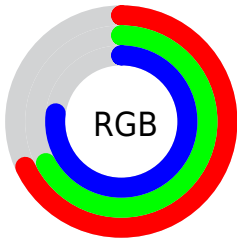
Format	Color
RYB	173, 172, 196
Decimal	11381956
CIELab	71.13, 5.13, -12.08
CIElCh	71, 13.128, 293.013
Yxy	42.3748, 0.2943, 0.2973
Android (android.graphics.Color)	4289572036 (0xFFADACC4)
YUV	175.0350, 10.3357, -1.7847
Hunter-Lab	65.0959, 1.1132, -7.4353

Details

The XYZ color **41.9499, 42.3748, 58.1927** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.6935, 54.0616, 46.8475**, and the grayscale version is **40.7175, 42.8380, 46.6506**.

A 20% lighter version of the original color is **77.5118, 78.6880, 104.0315**, and **19.4841, 19.4509, 28.3187** is the 20% darker color. If you saturate the color by 10%, you get **34.6255, 33.4647, 56.8596**, and if you desaturate by 10%, it is **50.4111, 52.6899, 59.7384**.

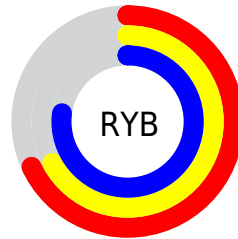
Distribution



Red (68%)

Green (67%)

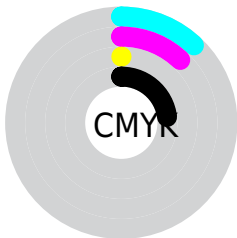
Blue (77%)



Red (68%)

Yellow (67%)

Blue (77%)

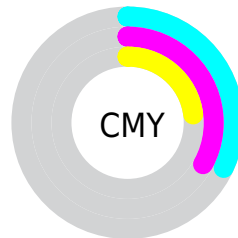


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (23%)



Cyan (32%)

Magenta (33%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9499, 42.3748, 58.1927 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 41.9499, 42.3748, 58.1927 by changing the saturation by 10% instead.

■ 41.9499, 42.3748,
58.1927

■ 41.9499, 42.3748,
58.1927

345.2704,
356.0343, 435.5219

■ 29.2530, 29.3949,
41.5479

■ 77.3894, 78.7666,
103.7210

■ 19.4175, 19.3797,
28.4245

100.8628,
102.9472, 133.4415

■ 12.0782, 11.9450,
18.4041

128.6590,
131.6302, 168.3576

■ 6.8695, 6.7062,
11.0680

161.1434,
165.1999, 208.8880

■ 3.4262, 3.2791,
5.9979

198.6814,
204.0408, 255.4510

■ 1.3830, 1.2791,
2.7750

241.6383,

■ 0.2440, 0.1249,

248.5372, 308.4653

0.9809

290.3795,
299.0736, 368.3494

■ 0.0000, 0.0000,
0.0000

■ 41.9499, 42.3748,
58.1927

■ 41.9499, 42.3748,
58.1927

■ 34.6255, 33.4647,
56.8596

■ 50.4111, 52.6899,
59.7384

■ 28.3858, 25.8937,
55.7271

■ 60.0505, 64.4614,
61.5025

■ 23.1805, 19.5988,
54.7864

■ 70.9124, 77.7448,
63.4940

■ 18.9535, 14.5096,
54.0269

■ 83.0373, 92.5909,
65.7205

■ 15.6437, 10.5491,
53.4369

■ 86.9639, 96.7656,
66.3193

■ 13.1830, 7.6313,
53.0034

■ 11.4939, 5.6580,
52.7115

■ 10.4846, 4.5119,
52.5435

■ 10.0659, 4.0382,
52.4741

Harmonies

Analogous

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



39.7643, 42.3748, 59.2176



41.9499, 42.3748, 58.1927



43.7449, 42.3748, 53.8062

Triad

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



41.9499, 42.3748, 58.1927



42.8710, 42.3748, 37.1352



36.2273, 42.3748, 44.6830

Complementary

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



41.9499, 42.3748, 58.1927



49.6935, 54.0616, 46.8475

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.



36.9954, 42.3748, 39.2370



41.9499, 42.3748, 58.1927



40.7920, 42.3748, 35.1434

Square

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



41.9499, 42.3748, 58.1927



44.2901, 42.3748, 41.5696



38.6472, 42.3748, 35.8764



36.5120, 42.3748, 51.0314

Rectangle

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



41.9499, 42.3748, 58.1927



44.4521, 42.3748, 49.7642



38.6472, 42.3748, 35.8764



36.3700, 42.3748, 42.6942

Sweetspot

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



41.9512, 42.3766, 58.1936



88.3763, 91.8567, 107.6799



46.5383, 51.8771, 59.7857



18.6560, 19.3437, 23.0004



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.



41.9512, 42.3766, 58.1936



71.8138, 71.6749, 104.6574



44.6772, 43.7819, 58.3212



9.5662, 9.7675, 12.6660



6.4858, 2.6040, 33.7174



0.2939, 0.1195, 1.4575

Inverse Universe

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



47.3692, 45.1828, 57.8563



83.7834, 77.8749, 103.8866



46.7636, 52.5512, 46.7104



10.4786, 10.2401, 12.6110



20.4578, 9.8729, 31.3865



0.8896, 0.4289, 1.3862

Previews

White Background



This preview shows how the XYZ color 41.9499, 42.3748, 58.1927 looks on a white background.

Color Contrast Check

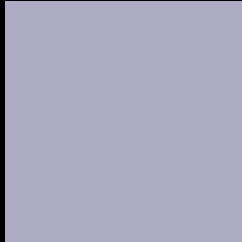
Large Text (above 18pt) WCAG AA × Fail

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 41.9499, 42.3748, 58.1927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

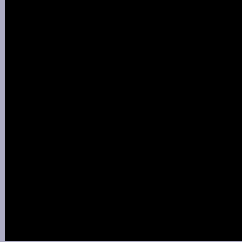
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9499, 42.3748, 58.1927

Background



This preview shows how black text looks on a background with the XYZ color 41.9499, 42.3748, 58.1927.



This preview shows how white text looks on a background with the XYZ color 41.9499, 42.3748,

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

41.9499, 42.3748, 58.1927

Protanopia

41.4849, 42.4187, 58.2257

Deuteranopia

43.1609, 42.4383, 58.1411



Tritanopia

40.9265, 42.2457, 53.0109

Trichromacy



Original Color

41.9499, 42.3748, 58.1927

Protanomaly

41.7020, 42.5306, 58.2358

Deuteranomaly

42.6582, 42.4585, 58.1715

Tritanomaly

41.2511, 42.3755, 54.7203

Monochromacy



Original Color

41.9499, 42.3748, 58.1927

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1389, 42.6897, 50.8714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9499, 42.3748, 58.1927 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(173, 172, 196)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 196)  
}
```

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(173, 172, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 196) }
```

Border

The CSS property to change the border of an element to XYZ 41.9499, 42.3748, 58.1927 is called "border". The border property can be set on classes, ids or directly on the HTML element.

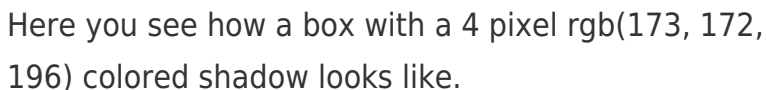
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 172, 196) }
```


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

```
.border{ border-color:rgb(173, 172, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 172, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 196);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9499, 42.3748, 58.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 172, 196) }
```

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

```
.background{ background-color: rgb(173,  
172, 196) }
```

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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