

Converting Colors

XYZ(43.8801, 41.9847, 58.0163)

Have a look what the booklet for
XYZ(43.8801, 41.9847, 58.0163)
contains.

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Color

**XYZ(43.7901, 41.9372,
58.0113)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A7C4
RGB	185, 167, 196
RGB Percent	73%, 65%, 77%
CMY	0.2745, 0.3451, 0.2314
CMYK	0.06, 0.15, 0.00, 0.23
HSL	277°, 20%, 71%
HSV	277°, 15%, 77%
XYZ	43.7901, 41.9372, 58.0113
YIQ	175.6880, 1.4190, 12.8350

Conversions

Conversions Part 2

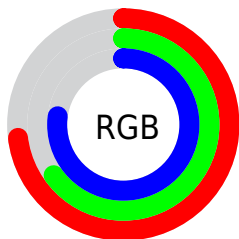
Format	Color
R_{YB}	185, 167, 196
Decimal	12167108
CIE _{Lab}	70.83, 11.92, -12.43
CIE _{LCh}	71, 17.222, 313.783
Yxy	41.9372, 0.3047, 0.2918
Android (android.graphics.Color)	4290357188 (0xFFB9A7C4)
YUV	175.6880, 10.0138, 8.1666
Hunter-Lab	64.7589, 7.3739, -7.7809

Details

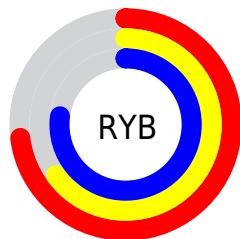
The XYZ color **43.7901, 41.9372, 58.0113** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.0766, 51.7360, 44.1715**, and the grayscale version is **41.0545, 43.1925, 47.0367**.

A 20% lighter version of the original color is **80.1265, 78.0352, 103.7677**, and **20.5289, 19.1200, 28.1997** is the 20% darker color. If you saturate the color by 10%, you get **38.7214, 34.3927, 56.8228**, and if you desaturate by 10%, it is **49.4993, 50.6221, 59.3874**.

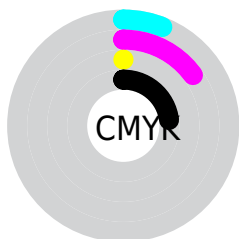
Distribution



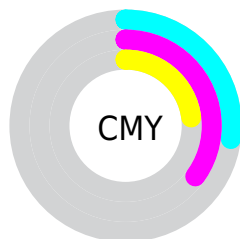
- Red (73%)
- Green (65%)
- Blue (77%)



- Red (73%)
- Yellow (65%)
- Blue (77%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)





- Cyan (27%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7901, 41.9372, 58.0113 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 43.7901, 41.9372, 58.0113 by changing the saturation by 10% instead.


 43.7901, 41.9372,
58.0113


 43.7901, 41.9372,
58.0113


352.7177,
354.2225, 434.8275

 30.7027, 29.0521,
41.4030


 80.1501, 78.1046,
103.4543

 20.5233, 19.1203,
28.3120


 104.1535,
102.1557, 133.1260

 12.8865, 11.7572,
18.3199


132.5262,
130.6975, 167.9892

 7.4269, 6.5786,
11.0081

165.6336,
164.1146, 208.4625

 3.7792, 3.2000,
5.9580

203.8411,
202.7912, 254.9645

 1.5780, 1.2370,
2.7512

247.5141,

 0.3780, 0.0916,

247.1118, 307.9136

0.9690

297.0178,
297.4608, 367.7284

■ 0.0000, 0.0000,
0.0000

■ 43.7901, 41.9372,
58.0113

■ 43.7901, 41.9372,
58.0113

■ 38.7214, 34.3927,
56.8228

■ 49.4993, 50.6221,
59.3874

■ 34.2636, 27.9335,
55.8111

■ 55.8696, 60.4883,
60.9560

■ 30.3902, 22.5083,
54.9680

■ 62.9250, 71.5816,
62.7254

■ 27.0712, 18.0590,
54.2842

■ 70.6874, 83.9434,
64.7023

■ 24.2737, 14.5220,
53.7489

■ 75.9023, 91.0631,
65.8017

■ 21.9605, 11.8256,
53.3504

■ 78.2325, 92.2644,
65.9107

■ 20.0892, 9.8872,
53.0748

■ 80.6646, 93.5181,
66.0246

■ 18.6085, 8.6064,
52.9057

■ 83.1995, 94.8249,
66.1432

■ 17.9406, 8.0977,
52.8427

■ 85.8386, 96.1855,
66.2667

Harmonies

Analogous

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



41.1855, 41.9372, 62.7419



43.7901, 41.9372, 58.0113



45.3808, 41.9372, 50.2065

Triad

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



43.7901, 41.9372, 58.0113



41.4166, 41.9372, 32.1401



34.7511, 41.9372, 49.5211

Complementary

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



43.7901, 41.9372, 58.0113



45.0766, 51.7360, 44.1715

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.



34.8063, 41.9372, 41.4013



43.7901, 41.9372, 58.0113



38.5633, 41.9372, 32.0033

Square

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



43.7901, 41.9372, 58.0113



43.9663, 41.9372, 35.6030



36.1725, 41.9372, 35.2036



36.0178, 41.9372, 57.4580

Rectangle

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



43.7901, 41.9372, 58.0113



45.6068, 41.9372, 44.6305



36.1725, 41.9372, 35.2036



34.6176, 41.9372, 46.7103

Sweetspot

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



43.7914, 41.9390, 58.0122



90.4727, 92.9374, 107.7780



41.8454, 44.0899, 58.5300



19.1854, 19.6167, 23.0252



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.



43.7914, 41.9390, 58.0122



75.9969, 70.9760, 104.3020



46.1678, 43.2081, 56.1357



10.1152, 10.0505, 12.6916



11.6257, 5.2537, 33.9579



0.5770, 0.2655, 1.4707

Inverse Universe

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



44.6210, 42.5894, 47.9902



77.8628, 72.4291, 82.1964



42.9698, 50.6133, 45.7271



10.2277, 10.1397, 11.2898



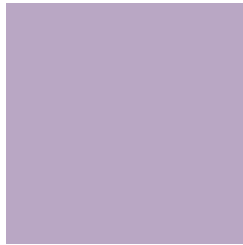
15.4682, 7.8770, 5.1116



0.7019, 0.3538, 0.3978

Previews

White Background



This preview shows how the XYZ color 43.7901, 41.9372, 58.0113 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 43.7901, 41.9372, 58.0113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

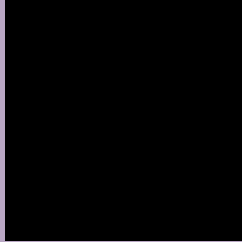
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7901, 41.9372, 58.0113

Background



This preview shows how black text looks on a background with the XYZ color 43.7901, 41.9372, 58.0113.



This preview shows how white text looks on a background with the XYZ color 43.7901, 41.9372,

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

43.7901, 41.9372, 58.0113

Protanopia

41.4235, 42.0636, 59.9687

Deuteranopia

42.9742, 42.0648, 58.0789



Tritanopia

42.2636, 41.8621, 50.6524

Trichromacy



Original Color

43.7901, 41.9372, 58.0113

Protanomaly

42.2470, 41.9406, 59.2948

Deuteranomaly

43.2578, 41.9359, 58.0391

Tritanomaly

42.8469, 41.8265, 53.3920

Monochromacy



Original Color

43.7901, 41.9372, 58.0113

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.0812, 42.8897, 50.8604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7901, 41.9372, 58.0113 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(185, 167, 196)` looks like.

```
.text, #text, p{  
    color:rgb(185, 167, 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(185, 167, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 167, 196) }
```

Border

The CSS property to change the border of an element to XYZ 43.7901, 41.9372, 58.0113 is called "border". The border property can be set on classes, ids or directly on the HTML element.

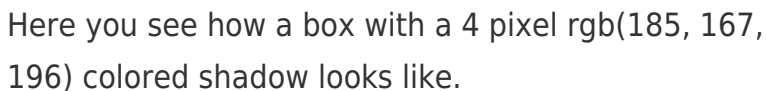
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 167, 196) }
```


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

```
.border{ border-color:rgb(185, 167, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 167, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 167, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 167, 196); box-shadow:4px 4px 4px 4px rgb(185, 167, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7901, 41.9372, 58.0113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 167, 196) }
```

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

```
.background{ background-color: rgb(185,  
167, 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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