

Converting Colors

XYZ(41.2508, 41.8727, 48.4151)

Have a look what the booklet for
XYZ(41.2508, 41.8727, 48.4151)
contains.

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Color

**XYZ(41.2900, 41.9642,
48.5715)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ABB3
RGB	179, 171, 179
RGB Percent	70%, 67%, 70%
CMY	0.2980, 0.3294, 0.2980
CMYK	0.00, 0.04, 0.00, 0.30
HSL	300°, 5%, 69%
HSV	300°, 4%, 70%
XYZ	41.2900, 41.9642, 48.5715
YIQ	174.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

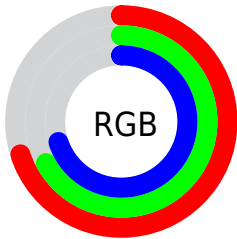
Format	Color
RYB	179, 171, 179
Decimal	11774899
CIELab	70.85, 4.34, -3.08
CIELCh	71, 5.325, 324.639
Yxy	41.9642, 0.3132, 0.3183
Android (android.graphics.Color)	4289964979 (0xFFB3ABB3)
YUV	174.3040, 2.3151, 4.1184
Hunter-Lab	64.7798, 0.4095, 0.8906

Details

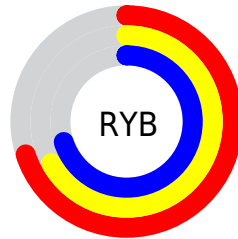
The XYZ color **41.2900, 41.9642, 48.5715** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2670, 43.8395, 44.8698**, and the grayscale version is **40.3771, 42.4798, 46.2605**.

A 20% lighter version of the original color is **76.4527, 78.0530, 89.6335**, and **18.9669, 19.1356, 22.4325** is the 20% darker color. If you saturate the color by 10%, you get **38.1358, 35.6551, 47.5206**, and if you desaturate by 10%, it is **44.9045, 49.1927, 49.7769**.

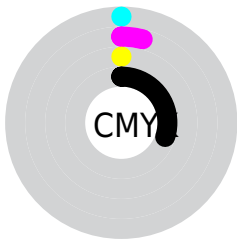
Distribution



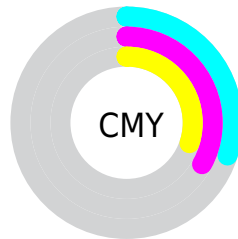
- Red (70%)
- Green (67%)
- Blue (70%)



- Red (70%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)



- Cyan (30%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2900, 41.9642, 48.5715 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 41.2900, 41.9642, 48.5715 by changing the saturation by 10% instead.

■ 41.2900, 41.9642,
48.5715

■ 41.2900, 41.9642,
48.5715

342.5731,
354.3345, 397.6268

■ 28.7344, 29.0733,
33.9165

■ 76.3959, 78.1454,
89.4291

■ 19.0233, 19.1362,
22.5526

99.6769, 102.2045,
116.4688

■ 11.7912, 11.7688,
14.0613

127.2637,
130.7551, 148.4737

■ 6.6729, 6.5864,
8.0241

159.5217,
164.1816, 185.8625

■ 3.3029, 3.2048,
4.0224

196.8164,
202.8684, 229.0537

■ 1.3159, 1.2396,
1.6376

239.5129,

■ 0.1951, 0.0937,

247.1999, 278.4657

0.3175

287.9767,
297.5605, 334.5173

■ 0.0000, 0.0000,
0.0000

■ 41.2900, 41.9642,
48.5715

■ 41.2900, 41.9642,
48.5715

■ 38.1358, 35.6551,
47.5206

■ 44.9045, 49.1927,
49.7769

■ 35.4199, 30.2235,
46.6152

■ 48.9930, 57.3696,
51.1398

■ 33.1242, 25.6321,
45.8499

■ 53.5729, 66.5294,
52.6665

■ 31.2276, 21.8389,
45.2177

■ 58.6600, 76.7035,
54.3622

■ 29.7074, 18.7985,
44.7109

■ 62.4875, 84.3586,
55.6381

■ 28.5385, 16.4608,
44.3212

■ 62.4875, 84.3586,
55.6381

■ 27.6929, 14.7694,
44.0393

■ 62.4876, 84.3586,
55.6382

■ 27.1380, 13.6597,
43.8543

■ 62.4876, 84.3586,
55.6383

■ 26.8349, 13.0535,
43.7532

■ 62.4876, 84.3586,
55.6383

Harmonies

Analogous

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



40.5995, 41.9642, 50.2676



41.2900, 41.9642, 48.5715



41.6045, 41.9642, 46.1489

Triad

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



41.2900, 41.9642, 48.5715



40.0450, 41.9642, 41.0083



38.3585, 41.9642, 47.7544

Complementary

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



41.2900, 41.9642, 48.5715



40.2670, 43.8395, 44.8698

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.



38.2149, 41.9642, 45.2379



41.2900, 41.9642, 48.5715



39.1803, 41.9642, 41.4026

Square

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



41.2900, 41.9642, 48.5715



40.8789, 41.9642, 41.8306



38.5136, 41.9642, 42.9284



38.9087, 41.9642, 49.7838

Rectangle

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



41.2900, 41.9642, 48.5715



41.5554, 41.9642, 44.4709



38.5136, 41.9642, 42.9284



38.2614, 41.9642, 46.9350

Sweetspot

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



41.2912, 41.9660, 48.5724



76.0891, 79.4364, 87.7036



39.4960, 41.0406, 48.4884



16.8651, 17.6142, 19.4332



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2912, 41.9660, 48.5724



73.5783, 74.4148, 86.8666



40.8925, 41.8065, 46.4731



9.1197, 9.1861, 10.7988



18.8866, 9.0722, 30.8923



0.5943, 0.2854, 0.9720

Inverse Universe

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



41.2912, 41.9660, 48.5724



73.5783, 74.4148, 86.8666



40.6540, 43.9943, 46.9079



9.1197, 9.1861, 10.7988



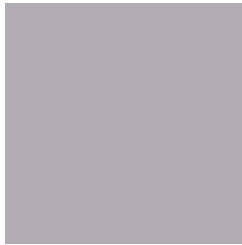
18.8866, 9.0722, 30.8923



0.5943, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 41.2900, 41.9642, 48.5715 looks on a white background.

Color Contrast Check

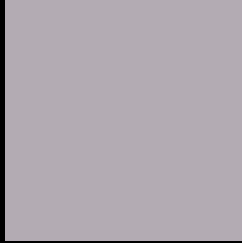
Large Text (above 18pt) WCAG AA × Fail

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 41.2900, 41.9642, 48.5715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

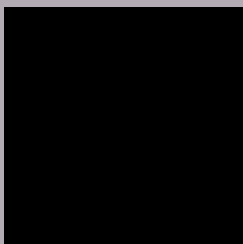
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

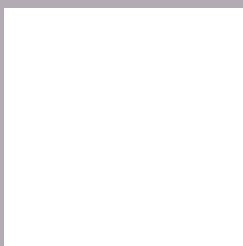
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2900, 41.9642, 48.5715

Background



This preview shows how black text looks on a background with the XYZ color 41.2900, 41.9642, 48.5715.



This preview shows how white text looks on a background with the XYZ color 41.2900, 41.9642,

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

41.2900, 41.9642, 48.5715

Protanopia

40.6699, 41.9143, 49.1267

Deuteranopia

42.7344, 41.8653, 49.0085



Tritanopia

41.8488, 41.9134, 51.2318

Trichromacy



Original Color

41.2900, 41.9642, 48.5715

Protanomaly

40.8952, 42.0304, 49.1373

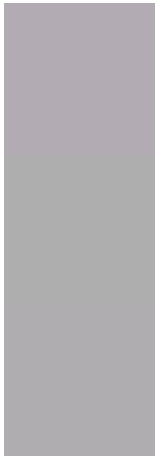
Deuteranomaly

42.1934, 41.8616, 49.0363

Tritanomaly

41.6406, 41.8301, 50.1353

Monochromacy



Original Color

41.2900, 41.9642, 48.5715

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6845, 42.2518, 47.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2900, 41.9642, 48.5715 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(179, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 179)  
}
```

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(179, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 179) }
```

Border

The CSS property to change the border of an element to XYZ 41.2900, 41.9642, 48.5715 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(179, 171, 179) }
```


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

```
.border{ border-color:rgb(179, 171, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 171,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2900, 41.9642, 48.5715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 179) }
```

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

```
.background{ background-color: rgb(179,  
171, 179) }
```

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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