

Converting Colors

XYZ(42.2839, 42.6750, 51.9287)

Have a look what the booklet for
XYZ(42.2839, 42.6750, 51.9287)
contains.

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Color

**XYZ(42.3319, 42.7111,
51.9119)**

Conversions

Conversions Part 1

Format	Color
Hex	B4ACB9
RGB	180, 172, 185
RGB Percent	71%, 67%, 73%
CMY	0.2941, 0.3255, 0.2745
CMYK	0.03, 0.07, 0.00, 0.27
HSL	277°, 8%, 70%
HSV	277°, 7%, 73%
XYZ	42.3319, 42.7111, 51.9119
YIQ	175.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

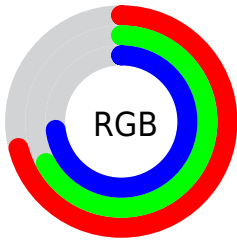
Format	Color
R_{YB}	180, 172, 185
Decimal	11840697
CIE Lab	71.36, 5.29, -5.62
CIE LCh	71, 7.724, 313.264
Yxy	42.7111, 0.3091, 0.3119
Android (android.graphics.Color)	4290030777 (0xFFB4ACB9)
YUV	175.8740, 4.4991, 3.6185
Hunter-Lab	65.3537, 1.2517, -1.3477

Details

The XYZ color **42.3319, 42.7111, 51.9119** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9283, 47.0247, 45.8459**, and the grayscale version is **41.1793, 43.3239, 47.1797**.

A 20% lighter version of the original color is **77.9383, 79.1219, 94.3834**, and **19.6337, 19.6109, 24.5803** is the 20% darker color. If you saturate the color by 10%, you get **37.4391, 35.3218, 50.7441**, and if you desaturate by 10%, it is **47.8024, 51.1283, 53.2489**.

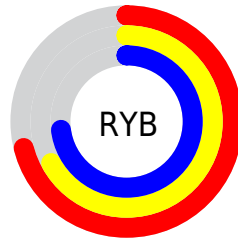
Distribution



Red (71%)

Green (67%)

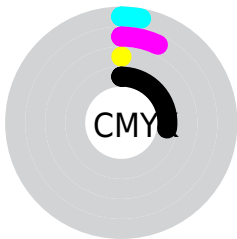
Blue (73%)



Red (71%)

Yellow (67%)

Blue (73%)

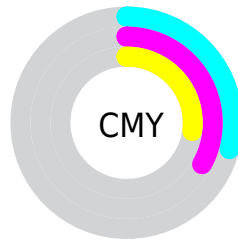


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3319, 42.7111, 51.9119 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 42.3319, 42.7111, 51.9119 by changing the saturation by 10% instead.

■ 42.3319, 42.7111,
51.9119

■ 42.3319, 42.7111,
51.9119

346.8252,
357.4223, 411.0437

■ 29.5535, 29.6585,
36.5531

■ 77.9637, 79.2747,
94.4266

■ 19.6463, 19.5795,
24.5686

101.5478,
103.5545, 122.4195

■ 12.2450, 12.0898,
15.5399

129.4646,
132.3455, 155.4609

■ 6.9841, 6.8048,
9.0483

162.0793,
166.0321, 193.9693

■ 3.4984, 3.3404,
4.6755

199.7574,
204.9987, 238.3632

■ 1.4225, 1.3119,
2.0028

242.8642,

■ 0.2722, 0.1504,

249.6297, 289.0612

0.5570

291.7650,
300.3094, 346.4819

■ 0.0000, 0.0000,
0.0000

■ 42.3319, 42.7111,
51.9119

■ 42.3319, 42.7111,
51.9119

■ 37.4391, 35.3218,
50.7441

■ 47.8024, 51.1283,
53.2489

■ 33.0990, 28.9139,
49.7360

■ 53.8670, 60.6063,
54.7587

■ 29.2899, 23.4455,
48.8813

■ 60.5463, 71.1836,
56.4483

■ 25.9872, 18.8695,
48.1721

■ 67.8584, 82.8949,
58.3234

■ 23.1644, 15.1348,
47.6000

■ 72.7133, 89.5585,
59.3537

■ 20.7922, 12.1846,
47.1556

■ 74.8564, 90.6633,
59.4540

■ 18.8375, 9.9552,
46.8283

■ 77.0916, 91.8156,
59.5586

■ 17.2621, 8.3723,
46.6058

■ 79.4200, 93.0160,
59.6676

■ 16.0130, 7.3321,
46.4709

■ 81.8428, 94.2649,
59.7810

Harmonies

Analogous

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



41.1715, 42.7111, 53.8220



42.3319, 42.7111, 51.9119



43.0352, 42.7111, 48.5959

Triad

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



42.3319, 42.7111, 51.9119



41.3192, 42.7111, 39.9848



38.2124, 42.7111, 48.1660

Complementary

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



42.3319, 42.7111, 51.9119



42.9283, 47.0247, 45.8459

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.



38.2500, 42.7111, 44.4752



42.3319, 42.7111, 51.9119



40.0251, 42.7111, 39.8834

Square

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



42.3319, 42.7111, 51.9119



42.4420, 42.7111, 41.7721



38.9075, 42.7111, 41.4874



38.8035, 42.7111, 51.5828

Rectangle

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



42.3319, 42.7111, 51.9119



43.1411, 42.7111, 46.0990



38.9075, 42.7111, 41.4874



38.1523, 42.7111, 46.9137

Sweetspot

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



42.3331, 42.7129, 51.9128



80.5766, 83.7885, 94.1306



41.5335, 43.7985, 52.1645



17.3931, 18.0977, 20.2981



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.3331, 42.7129, 51.9128



74.7984, 74.9453, 92.7282



43.3816, 43.2692, 51.2489



9.0373, 8.9856, 11.3375



10.7565, 4.8564, 31.6235



0.4460, 0.2057, 1.1179

Inverse Universe

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



42.6974, 42.9955, 47.6455



75.5541, 75.5306, 83.9231



41.9356, 46.4985, 46.4543



9.1438, 9.0679, 10.1044



14.4347, 7.3476, 4.9097



0.5395, 0.2713, 0.3342

Previews

White Background



This preview shows how the XYZ color 42.3319, 42.7111, 51.9119 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 42.3319, 42.7111, 51.9119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

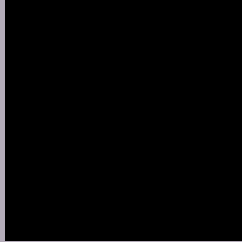
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3319, 42.7111, 51.9119

Background



This preview shows how black text looks on a background with the XYZ color 42.3319, 42.7111, 51.9119.



This preview shows how white text looks on a background with the XYZ color 42.3319, 42.7111,

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

42.3319, 42.7111, 51.9119

Protanopia

41.6782, 42.9312, 52.5443

Deuteranopia

43.6252, 42.8170, 51.8642



Tritanopia

42.3319, 42.7111, 51.9119

Trichromacy



Original Color

42.3319, 42.7111, 51.9119

Protanomaly

41.9380, 42.7794, 52.5013

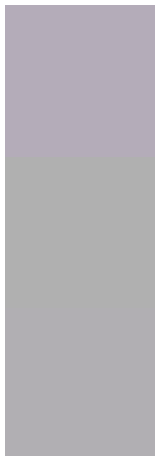
Deuteranomaly

43.0870, 42.8189, 51.8929

Tritanomaly

42.3319, 42.7111, 51.9119

Monochromacy



Original Color

42.3319, 42.7111, 51.9119

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5981, 43.2617, 48.8057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3319, 42.7111, 51.9119 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(180, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(180, 172, 185)  
}
```

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(180, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 172, 185) }
```

Border

The CSS property to change the border of an element to XYZ 42.3319, 42.7111, 51.9119 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(180, 172, 185) }
```


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

```
.border{ border-color:rgb(180, 172, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 172, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(180, 172,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3319, 42.7111, 51.9119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 172, 185) }
```

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

```
.background{ background-color: rgb(180,  
172, 185) }
```

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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