

Converting Colors

XYZ(42.3629, 42.8713, 58.2668)

Have a look what the booklet for
XYZ(42.3629, 42.8713, 58.2668)
contains.

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Color

**XYZ(42.3629, 42.8713,
58.2668)**

Conversions

Conversions Part 1

Format	Color
Hex	AEADC4
RGB	174, 173, 196
RGB Percent	68%, 68%, 77%
CMY	0.3176, 0.3216, 0.2314
CMYK	0.11, 0.12, 0.00, 0.23
HSL	243°, 16%, 72%
HSV	243°, 12%, 77%
XYZ	42.3629, 42.8713, 58.2668
YIQ	175.9210, -6.7870, 7.3650

Conversions

Conversions Part 2

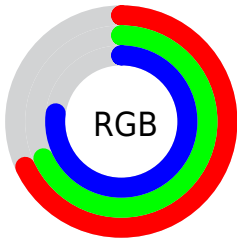
Format	Color
RYB	174, 173, 196
Decimal	11447748
CIELab	71.47, 4.92, -11.57
CIELCh	71, 12.570, 293.026
Yxy	42.8713, 0.2952, 0.2988
Android (android.graphics.Color)	4289637828 (0xFFAEADC4)
YUV	175.9210, 9.8989, -1.6847
Hunter-Lab	65.4762, 0.9057, -6.9284

Details

The XYZ color **42.3629, 42.8713, 58.2668** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.7900, 54.1002, 47.3554**, and the grayscale version is **41.1793, 43.3238, 47.1796**.

A 20% lighter version of the original color is **78.1062, 79.4016, 104.1379**, and **19.6050, 19.6927, 28.3590** is the 20% darker color. If you saturate the color by 10%, you get **34.9873, 33.8940, 56.9234**, and if you desaturate by 10%, it is **50.8755, 53.2555, 59.8232**.

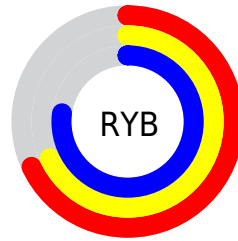
Distribution



Red (68%)

Green (68%)

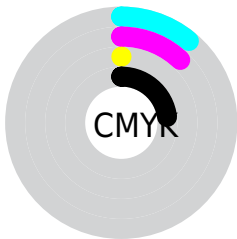
Blue (77%)



Red (68%)

Yellow (68%)

Blue (77%)

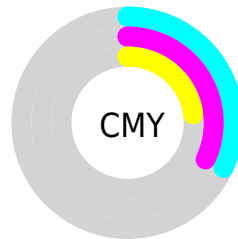


Cyan (11%)

Magenta (12%)

Yellow (0%)

Black (23%)



Cyan (32%)

Magenta (32%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3629, 42.8713, 58.2668 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 42.3629, 42.8713, 58.2668 by changing the saturation by 10% instead.

■ 42.3629, 42.8713,
58.2668

■ 42.3629, 42.8713,
58.2668

346.9512,
358.0822, 435.8053

■ 29.5779, 29.7841,
41.6071

■ 78.0103, 79.5166,
103.8299

■ 19.6649, 19.6748,
28.4705

101.6034,
103.8436, 133.5703

■ 12.2585, 12.1589,
18.4385

129.5299,
132.6859, 168.5081

■ 6.9935, 6.8520,
11.0926

162.1552,
166.4280, 209.0617

■ 3.5043, 3.3697,
6.0142

199.8446,
205.4543, 255.6496

■ 1.4257, 1.3277,
2.7848

242.9635,

■ 0.2744, 0.1625,

250.1492, 308.6906

0.9858

291.8773,
300.8970, 368.6029

■ 0.0000, 0.0000,
0.0000

■ 42.3629, 42.8713,
58.2668

■ 42.3629, 42.8713,
58.2668

■ 34.9873, 33.8940,
56.9234

■ 50.8755, 53.2555,
59.8232

■ 28.6970, 26.2579,
55.7810

■ 60.5663, 65.0978,
61.5982

■ 23.4418, 19.9004,
54.8309

■ 71.4793, 78.4533,
63.6009

■ 19.1663, 14.7515,
54.0624

■ 83.6549, 93.3728,
65.8389

■ 15.8098, 10.7347,
53.4640

■ 86.9639, 96.7656,
66.3194

■ 13.3049, 7.7645,
53.0227

■ 11.5748, 5.7437,
52.7238

■ 10.5290, 4.5564,
52.5498

■ 10.0704, 4.0404,
52.4744

Harmonies

Analogous

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



40.2550, 42.8713, 59.2502



42.3629, 42.8713, 58.2668



44.0914, 42.8713, 54.0576

Triad

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



42.3629, 42.8713, 58.2668



43.2486, 42.8713, 37.9618



36.8349, 42.8713, 45.2766

Complementary

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



42.3629, 42.8713, 58.2668



49.7900, 54.1002, 47.3554

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.



37.5779, 42.8713, 40.0054



42.3629, 42.8713, 58.2668



41.2448, 42.8713, 36.0259

Square

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



42.3629, 42.8713, 58.2668



44.6150, 42.8713, 42.2613



39.1744, 42.8713, 36.7403



37.1109, 42.8713, 51.3955

Rectangle

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



42.3629, 42.8713, 58.2668



44.7715, 42.8713, 50.1707



39.1744, 42.8713, 36.7403



36.9728, 42.8713, 43.3542

Sweetspot

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



42.3642, 42.8731, 58.2678



88.3828, 91.8600, 107.6802



46.7661, 52.0057, 59.7985



18.6576, 19.3445, 23.0005



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.



42.3642, 42.8731, 58.2678



73.2326, 73.3881, 104.9133



44.9809, 44.2220, 58.3902



9.5678, 9.7684, 12.6660



6.4894, 2.6058, 33.7176



0.2946, 0.1199, 1.4575

Inverse Universe

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



47.5603, 45.5649, 57.9201



84.4515, 79.2004, 104.1421



46.9874, 52.6554, 47.2242



10.4778, 10.2397, 12.6067



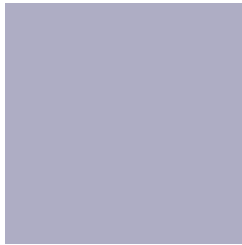
20.4337, 9.8632, 31.2596



0.8888, 0.4285, 1.3819

Previews

White Background



This preview shows how the XYZ color 42.3629, 42.8713, 58.2668 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 42.3629, 42.8713, 58.2668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

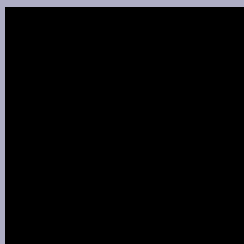
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3629, 42.8713, 58.2668

Background



This preview shows how black text looks on a background with the XYZ color 42.3629, 42.8713, 58.2668.



This preview shows how white text looks on a background with the XYZ color 42.3629, 42.8713,

58.2668.

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

42.3629, 42.8713, 58.2668

Protanopia

42.1131, 43.0283, 58.3102

Deuteranopia

43.7442, 42.7258, 58.7647



Tritanopia

41.4467, 42.7872, 53.6512

Trichromacy



Original Color

42.3629, 42.8713, 58.2668

Protanomaly

42.3334, 43.1419, 58.3206

Deuteranomaly

43.2314, 42.7407, 58.7946

Tritanomaly

41.7736, 42.9179, 55.3725

Monochromacy



Original Color

42.3629, 42.8713, 58.2668

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5564, 43.1928, 50.9465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3629, 42.8713, 58.2668 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(174, 173, 196)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 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(174, 173, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 196) }
```

Border

The CSS property to change the border of an element to XYZ 42.3629, 42.8713, 58.2668 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(174, 173, 196) }
```


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

```
.border{ border-color:rgb(174, 173, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 196);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3629, 42.8713, 58.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 196) }
```

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

```
.background{ background-color: rgb(174,  
173, 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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