

Converting Colors

XYZ(29.2261, 28.2349, 38.0920)

Have a look what the booklet for
XYZ(29.2261, 28.2349, 38.0920)
contains.

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Color

**XYZ(29.2261, 28.2348,
38.0919)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8CA2
RGB	154, 140, 162
RGB Percent	60%, 55%, 64%
CMY	0.3961, 0.4510, 0.3647
CMYK	0.05, 0.14, 0.00, 0.36
HSL	278°, 11%, 59%
HSV	278°, 14%, 64%
XYZ	29.2261, 28.2348, 38.0919
YIQ	146.6940, 1.2820, 9.8100

Conversions

Conversions Part 2

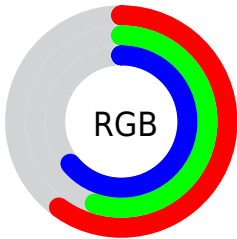
Format	Color
RYB	154, 140, 162
Decimal	10128546
CIELab	60.10, 9.46, -9.72
CIELCh	60, 13.563, 314.234
Yxy	28.2348, 0.3059, 0.2955
Android (android.graphics.Color)	4288318626 (0xFF9A8CA2)
YUV	146.6940, 7.5459, 6.4074
Hunter-Lab	53.1364, 5.1898, -5.3077

Details

The XYZ color **29.2261, 28.2348, 38.0919** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8677, 34.0307, 29.8067**, and the grayscale version is **27.5770, 29.0132, 31.5954**.

A 20% lighter version of the original color is **57.8286, 57.0032, 73.6005**, and **12.0642, 11.3217, 16.3013** is the 20% darker color. If you saturate the color by 10%, you get **25.9374, 23.2809, 37.3095**, and if you desaturate by 10%, it is **32.9201, 33.9165, 38.9943**.

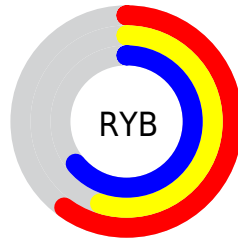
Distribution



Red (60%)

Green (55%)

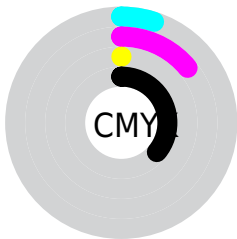
Blue (64%)



Red (60%)

Yellow (55%)

Blue (64%)

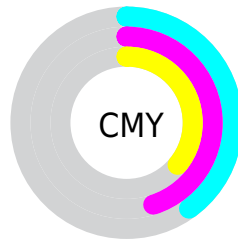


Cyan (5%)

Magenta (14%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2261, 28.2348, 38.0919 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 29.2261, 28.2348, 38.0919 by changing the saturation by 10% instead.

■ 29.2261, 28.2348,
38.0919

■ 29.2261, 28.2348,
38.0919

290.2553,
293.5872, 353.3240

■ 19.3971, 18.5027,
25.7516

■ 57.8312, 56.8591,
73.4540

■ 12.0632, 11.3115,
16.4138

■ 77.3380, 76.5201,
97.3128

■ 6.8593, 6.2768,
9.6599

■ 100.8014,
100.2596, 125.8483

■ 3.4198, 3.0141,
5.0714

128.5868,
128.4618, 159.4790

■ 1.3794, 1.1391,
2.2298

161.0595,
161.5113, 198.6234

■ 0.2415, 0.0111,
0.6915

198.5849,

■ 0.0000, 0.0000,

199.7925, 243.7000

0.0000

241.5284,
243.6896, 295.1273

■ 29.2261, 28.2348,
38.0919

■ 29.2261, 28.2348,
38.0919

■ 25.9374, 23.2809,
37.3095

■ 32.9201, 33.9165,
38.9943

■ 23.0354, 19.0204,
36.6401

■ 37.0318, 40.3513,
40.0196

■ 20.5039, 15.4217,
36.0789

■ 41.5762, 47.5676,
41.1730

■ 18.3245, 12.4488,
35.6199

■ 46.5669, 55.5913,
42.4587

■ 16.4769, 10.0627,
35.2567

■ 52.0167, 64.4472,
43.8808

■ 14.9387, 8.2196,
34.9820

■ 57.9380, 74.1588,
45.4433

■ 13.6840, 6.8694,
34.7875

■ 64.3425, 84.7488,
47.1498

■ 12.6825, 5.9523,
34.6633

■ 66.4045, 86.5645,
47.3916

■ 12.1253, 5.4974,
34.6049

■ 68.0203, 87.3974,
47.4672

Harmonies

Analogous

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



27.6632, 28.2348, 40.9404



29.2261, 28.2348, 38.0919



30.1691, 28.2348, 33.4066

Triad

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



29.2261, 28.2348, 38.0919



27.7510, 28.2348, 22.4505



23.7373, 28.2348, 33.1471

Complementary

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



29.2261, 28.2348, 38.0919



29.8677, 34.0307, 29.8067

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.



23.7585, 28.2348, 28.2247



29.2261, 28.2348, 38.0919



26.0261, 28.2348, 22.3971

Square

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



29.2261, 28.2348, 38.0919



29.2927, 28.2348, 24.5605



24.5805, 28.2348, 24.4057



24.5212, 28.2348, 37.8844

Rectangle

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



29.2261, 28.2348, 38.0919



30.2948, 28.2348, 30.0444



24.5805, 28.2348, 24.4057



23.6516, 28.2348, 31.4522

Sweetspot

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



29.2269, 28.2360, 38.0925



59.4123, 61.0275, 70.7042



27.9382, 29.3859, 38.3824



13.2291, 13.5288, 15.8516



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.2269, 28.2360, 38.0925



51.3596, 48.6795, 68.7453



30.5430, 28.9442, 36.8088



7.1133, 7.0728, 8.8933



9.6008, 4.3559, 27.2645



0.2508, 0.1168, 0.5752

Inverse Universe

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



29.6246, 28.5769, 31.9727



52.2337, 49.4229, 55.5596



28.6894, 33.3980, 30.8957



7.1753, 7.1266, 7.9094



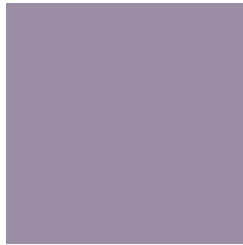
12.3782, 6.3073, 3.9161



0.2822, 0.1414, 0.1988

Previews

White Background



This preview shows how the XYZ color 29.2261, 28.2348, 38.0919 looks on a white background.

Color Contrast Check

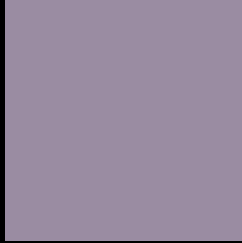
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2261, 28.2348, 38.0919 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 × Fail

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

XYZ 29.2261, 28.2348, 38.0919

Background



This preview shows how black text looks on a background with the XYZ color 29.2261, 28.2348, 38.0919.



This preview shows how white text looks on a background with the XYZ color 29.2261, 28.2348,

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

29.2261, 28.2348, 38.0919

Protanopia

27.8294, 28.3776, 39.1326

Deuteranopia

28.8090, 28.2377, 38.1144



Tritanopia

28.5596, 28.4182, 34.1170

Trichromacy



Original Color

29.2261, 28.2348, 38.0919

Protanomaly

28.2874, 28.4003, 38.6412

Deuteranomaly

28.9954, 28.3338, 38.1232

Tritanomaly

28.6625, 28.2224, 35.3893

Monochromacy



Original Color

29.2261, 28.2348, 38.0919

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2184, 28.6975, 33.7577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2261, 28.2348, 38.0919 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(154, 140, 162)` looks like.

```
.text, #text, p{  
    color:rgb(154, 140, 162)  
}
```

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(154, 140, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 140, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.2261, 28.2348, 38.0919 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(154, 140, 162) }
```


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

```
.border{ border-color:rgb(154, 140, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 140, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 140, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 140, 162);  
box-shadow:4px 4px 4px 4px rgb(154, 140,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2261, 28.2348, 38.0919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 140, 162) }
```

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

```
.background{ background-color: rgb(154,  
140, 162) }
```

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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