

Converting Colors

XYZ(29.2984, 29.2687, 38.1991)

Have a look what the booklet for
XYZ(29.2984, 29.2687, 38.1991)
contains.

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Color

**XYZ(29.2573, 29.1345,
38.2639)**

Conversions

Conversions Part 1

Format	Color
Hex	9790A2
RGB	151, 144, 162
RGB Percent	59%, 56%, 64%
CMY	0.4078, 0.4353, 0.3647
CMYK	0.07, 0.11, 0.00, 0.36
HSL	263°, 9%, 60%
HSV	263°, 11%, 64%
XYZ	29.2573, 29.1345, 38.2639
YIQ	148.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

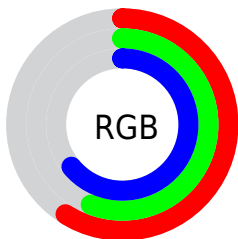
Format	Color
RYB	151, 144, 162
Decimal	9932962
CIELab	60.90, 6.13, -8.55
CIELCh	61, 10.523, 305.654
Yxy	29.1345, 0.3027, 0.3014
Android (android.graphics.Color)	4288123042 (0xFF9790A2)
YUV	148.1450, 6.8305, 2.5038
Hunter-Lab	53.9764, 2.2953, -4.2473

Details

The XYZ color **29.2573, 29.1345, 38.2639** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4731, 34.8237, 31.4499**, and the grayscale version is **28.1824, 29.6501, 32.2889**.

A 20% lighter version of the original color is **57.8953, 58.3771, 73.8621**, and **12.0727, 11.8405, 16.4010** is the 20% darker color. If you saturate the color by 10%, you get **25.2166, 23.6673, 37.4220**, and if you desaturate by 10%, it is **33.8062, 35.3880, 39.2316**.

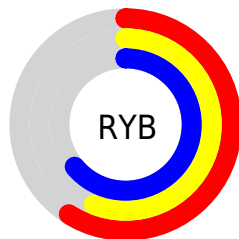
Distribution



Red (59%)

Green (56%)

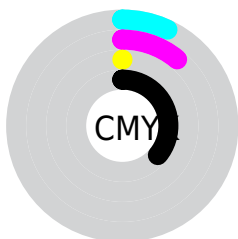
Blue (64%)



Red (59%)

Yellow (56%)

Blue (64%)

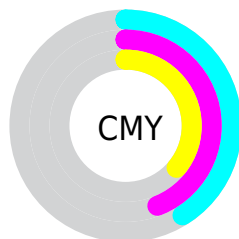


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2573, 29.1345, 38.2639 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 29.2573, 29.1345, 38.2639 by changing the saturation by 10% instead.

■ 29.2573, 29.1345,
38.2639

■ 29.2573, 29.1345,
38.2639

290.3994,
297.8490, 354.0828

■ 19.4208, 19.1826,
25.8842

■ 57.8804, 58.2907,
73.7204

■ 12.0805, 11.8023,
16.5120

■ 77.3977, 78.2638,
97.6341

■ 6.8711, 6.6092,
9.7289

100.8726,
102.3461, 126.2297

■ 3.4273, 3.2189,
5.1163

128.6705,
130.9219, 159.9255

■ 1.3835, 1.2471,
2.2558

161.1568,
164.3758, 199.1402

■ 0.2444, 0.0997,
0.7063

198.6968,

■ 0.0000, 0.0000,

203.0920, 244.2923

0.0000

241.6559,
247.4549, 295.8003

■ 29.2573, 29.1345,
38.2639

■ 29.2573, 29.1345,
38.2639

■ 25.2166, 23.6673,
37.4220

■ 33.8062, 35.3880,
39.2316

■ 21.6629, 18.9508,
36.6990

■ 38.8783, 42.4540,
40.3282

■ 18.5770, 14.9523,
36.0898

■ 44.4914, 50.3620,
41.5588

■ 15.9376, 11.6351,
35.5887

■ 50.6615, 59.1392,
42.9277

■ 13.7215, 8.9593,
35.1890

■ 57.4038, 68.8111,
44.4392

■ 11.9032, 6.8803,
34.8835

■ 64.7331, 79.4024,
46.0973

■ 10.4540, 5.3480,
34.6641

■ 71.8917, 89.3932,
47.6484

■ 9.3408, 4.3032,
34.5211

■ 74.9837, 90.9872,
47.7931

■ 8.5705, 3.6649,
34.4385

■ 78.2564, 92.6743,
47.9462

Harmonies

Analogous

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



27.9521, 29.1345, 39.8479



29.2573, 29.1345, 38.2639



30.1643, 29.1345, 34.9392

Triad

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



29.2573, 29.1345, 38.2639



28.7930, 29.1345, 25.3269



25.1491, 29.1345, 32.4724

Complementary

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



29.2573, 29.1345, 38.2639



31.4731, 34.8237, 31.4499

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.



25.3576, 29.1345, 28.7096



29.2573, 29.1345, 38.2639



27.4325, 29.1345, 24.7844

Square

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



29.2573, 29.1345, 38.2639



29.8901, 29.1345, 27.5206



26.1825, 29.1345, 25.9727



25.6034, 29.1345, 36.3318

Rectangle

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



29.2573, 29.1345, 38.2639



30.4052, 29.1345, 32.2983



26.1825, 29.1345, 25.9727



25.1442, 29.1345, 31.1536

Sweetspot

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



29.2582, 29.1357, 38.2645



59.6904, 61.9188, 70.8616



29.7623, 32.0150, 38.7937



13.2561, 13.6995, 15.8831



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.



29.2582, 29.1357, 38.2645



51.4707, 50.6530, 69.1203



30.9730, 30.0198, 38.3448



6.9488, 6.9879, 8.8856



6.7974, 2.9107, 27.1333



0.1948, 0.0880, 0.5726

Inverse Universe

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



30.7910, 29.9958, 35.1790



54.7563, 52.4972, 62.4762



29.8273, 33.9752, 31.3729



7.2471, 7.1553, 8.2875



13.5353, 6.7702, 10.0094



0.3065, 0.1511, 0.3269

Previews

White Background



This preview shows how the XYZ color 29.2573, 29.1345, 38.2639 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 29.2573, 29.1345, 38.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

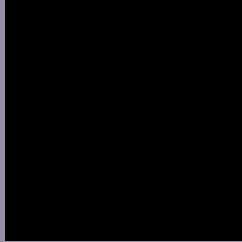
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2573, 29.1345, 38.2639

Background



This preview shows how black text looks on a background with the XYZ color 29.2573, 29.1345, 38.2639.



This preview shows how white text looks on a background with the XYZ color 29.2573, 29.1345,

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

29.2573, 29.1345, 38.2639

Protanopia

28.5668, 29.2219, 38.7851

Deuteranopia

29.6705, 29.1236, 38.2400



Tritanopia

28.7038, 29.1351, 35.5633

Trichromacy



Original Color

29.2573, 29.1345, 38.2639

Protanomaly

28.7689, 29.0982, 38.7506

Deuteranomaly

29.4809, 29.0259, 38.2312

Tritanomaly

28.8746, 29.2035, 36.4627

Monochromacy



Original Color

29.2573, 29.1345, 38.2639

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.5779, 29.5569, 34.3358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2573, 29.1345, 38.2639 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(151, 144, 162)` looks like.

```
.text, #text, p{  
    color:rgb(151, 144, 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(151, 144, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 144, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.2573, 29.1345, 38.2639 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(151, 144, 162) }
```


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

```
.border{ border-color:rgb(151, 144, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 144, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 144, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 144, 162);  
box-shadow:4px 4px 4px 4px rgb(151, 144,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2573, 29.1345, 38.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 144, 162) }
```

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

```
.background{ background-color: rgb(151,  
144, 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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