

Converting Colors

XYZ(29.3084, 30.7226, 43.2973)

Have a look what the booklet for
XYZ(29.3084, 30.7226, 43.2973)
contains.

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Color

**XYZ(29.3282, 30.6872,
43.4072)**

Conversions

Conversions Part 1

Format	Color
Hex	8C97AC
RGB	140, 151, 172
RGB Percent	55%, 59%, 67%
CMY	0.4510, 0.4078, 0.3255
CMYK	0.19, 0.12, 0.00, 0.33
HSL	219°, 16%, 61%
HSV	219°, 19%, 67%
XYZ	29.3282, 30.6872, 43.4072
YIQ	150.1050, -13.2970, 4.1990

Conversions

Conversions Part 2

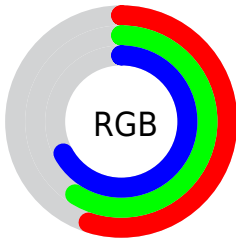
Format	Color
RYB	140, 148, 172
Decimal	9213868
CIELab	62.24, 0.62, -12.30
CIElCh	62, 12.311, 272.883
Yxy	30.6872, 0.2836, 0.2967
Android (android.graphics.Color)	4287403948 (0xFF8C97AC)
YUV	150.1050, 10.7942, -8.8621
Hunter-Lab	55.3960, -2.4402, -7.6812

Details

The XYZ color **29.3282, 30.6872, 43.4072** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4920, 36.1538, 29.9721**, and the grayscale version is **28.9944, 30.5043, 33.2192**.

A 20% lighter version of the original color is **57.9446, 60.6780, 81.3311**, and **12.0672, 12.5943, 19.5642** is the 20% darker color. If you saturate the color by 10%, you get **24.9232, 25.8484, 42.7059**, and if you desaturate by 10%, it is **34.3620, 36.1099, 44.1891**.

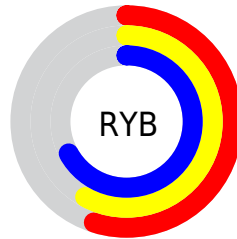
Distribution



Red (55%)

Green (59%)

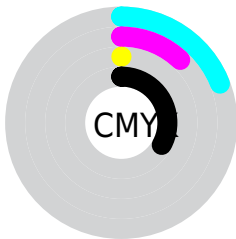
Blue (67%)



Red (55%)

Yellow (58%)

Blue (67%)

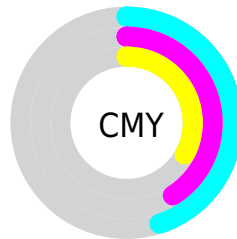


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (41%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3282, 30.6872, 43.4072 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 29.3282, 30.6872, 43.4072 by changing the saturation by 10% instead.

■ 29.3282, 30.6872,
43.4072

■ 29.3282, 30.6872,
43.4072

290.7267,
305.0947, 376.2540

■ 19.4748, 20.3608,
29.8710

■ 57.9921, 60.7473,
81.6179

■ 12.1199, 12.6576,
19.4895

■ 77.5332, 81.2497,
107.1295

■ 6.8981, 7.1932,
11.8441

■ 101.0344,
105.9129, 137.4699

■ 3.4442, 3.5832,
6.5164

128.8608,
135.1213, 173.0578

■ 1.3928, 1.4433,
3.0877

161.3779,
169.2593, 214.3116

■ 0.2511, 0.2483,
1.1396

198.9510,

■ 0.0000, 0.0000,

208.7112, 261.6498

0.0000

241.9455,
253.8616, 315.4911

■ 29.3282, 30.6872,
43.4072

■ 29.3282, 30.6872,
43.4072

■ 24.9232, 25.8484,
42.7059

■ 34.3620, 36.1099,
44.1891

■ 21.1185, 21.5692,
42.0804

■ 40.0461, 42.1322,
45.0519

■ 17.8871, 17.8290,
41.5288

■ 46.4044, 48.7739,
45.9988

■ 15.1991, 14.6044,
41.0481

■ 53.4587, 56.0525,
47.0319

■ 13.0215, 11.8701,
40.6351

■ 61.2299, 63.9851,
48.1534

■ 11.3173, 9.5982,
40.2864

■ 69.7378, 72.5879,
49.3655

■ 10.0441, 7.7575,
39.9982

■ 76.9860, 80.8375,
50.5758

■ 9.1299, 6.3007,
39.7652

■ 80.2295, 87.3247,
51.6570

■ 9.0174, 6.1204,
39.7363

■ 83.6802, 94.2260,
52.8073

Harmonies

Analogous

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



27.7354, 30.6872, 42.2345



29.3282, 30.6872, 43.4072



30.9360, 30.6872, 41.6989

Triad

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



29.3282, 30.6872, 43.4072



31.9327, 30.6872, 28.6887



26.4156, 30.6872, 29.4146

Complementary

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



29.3282, 30.6872, 43.4072



34.4920, 36.1538, 29.9721

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.



27.4673, 30.6872, 26.3048



29.3282, 30.6872, 43.4072



30.6475, 30.6872, 25.9145

Square

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



29.3282, 30.6872, 43.4072



32.4750, 30.6872, 32.9552



29.0069, 30.6872, 25.0845



26.0921, 30.6872, 33.8753

Rectangle

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



29.3282, 30.6872, 43.4072



31.7891, 30.6872, 39.2428



29.0069, 30.6872, 25.0845



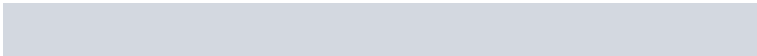
26.6937, 30.6872, 28.1914

Sweetspot

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



29.3291, 30.6885, 43.4079



64.7991, 68.1321, 80.5413



31.9837, 37.6472, 39.2073



13.9475, 14.6632, 17.4828



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.3291, 30.6885, 43.4079



50.0460, 52.2227, 78.2480



28.4670, 27.7370, 42.8836



7.7956, 8.1907, 10.1228



6.7571, 4.6481, 29.5855



0.2398, 0.2329, 0.8403

Inverse Universe

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



31.9780, 29.7619, 33.3387



55.7158, 50.3897, 56.6617



35.4653, 39.6363, 30.5930



8.1147, 8.0591, 8.9146



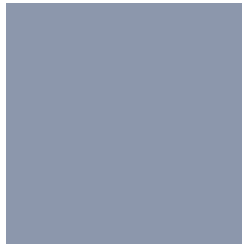
13.2743, 6.7723, 3.8240



0.3954, 0.1989, 0.2441

Previews

White Background



This preview shows how the XYZ color 29.3282, 30.6872, 43.4072 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 29.3282, 30.6872, 43.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

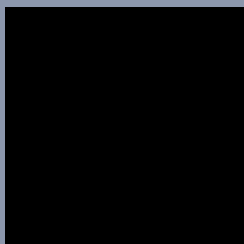
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

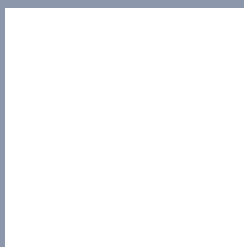
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3282, 30.6872, 43.4072

Background



This preview shows how black text looks on a background with the XYZ color 29.3282, 30.6872, 43.4072.



This preview shows how white text looks on a background with the XYZ color 29.3282, 30.6872,

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

29.3282, 30.6872, 43.4072

Protanopia

30.1308, 30.6382, 42.8538

Deuteranopia

31.3030, 30.7546, 43.8215



Tritanopia

28.5765, 30.6258, 39.5272

Trichromacy



Original Color

29.3282, 30.6872, 43.4072

Protanomaly

29.7586, 30.6823, 42.8819

Deuteranomaly

30.5272, 30.5865, 43.8300

Tritanomaly

28.8507, 30.7355, 40.9712

Monochromacy



Original Color

29.3282, 30.6872, 43.4072

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.9320, 30.3923, 36.6892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3282, 30.6872, 43.4072 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(140, 151, 172)` looks like.

```
.text, #text, p{  
    color:rgb(140, 151, 172)  
}
```

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(140, 151, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 151, 172) }
```

Border

The CSS property to change the border of an element to XYZ 29.3282, 30.6872, 43.4072 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(140, 151, 172) }
```


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

```
.border{ border-color:rgb(140, 151, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 151, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 151, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 151, 172);  
box-shadow:4px 4px 4px 4px rgb(140, 151,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3282, 30.6872, 43.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 151, 172) }
```

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

```
.background{ background-color: rgb(140,  
151, 172) }
```

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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