

Converting Colors

XYZ(26.9368, 28.8568, 38.3251)

Have a look what the booklet for
XYZ(26.9368, 28.8568, 38.3251)
contains.

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Color

**XYZ(26.9430, 28.8568,
38.3323)**

Conversions

Conversions Part 1

Format	Color
Hex	8694A2
RGB	134, 148, 162
RGB Percent	53%, 58%, 64%
CMY	0.4745, 0.4196, 0.3647
CMYK	0.17, 0.09, 0.00, 0.36
HSL	210°, 13%, 58%
HSV	210°, 17%, 64%
XYZ	26.9430, 28.8568, 38.3323
YIQ	145.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

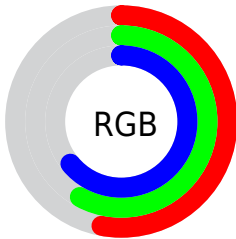
Format	Color
RYB	134, 143, 162
Decimal	8819874
CIELab	60.66, -1.96, -9.06
CIELCh	61, 9.266, 257.806
Yxy	28.8568, 0.2862, 0.3066
Android (android.graphics.Color)	4287009954 (0xFF8694A2)
YUV	145.4100, 8.1789, -10.0066
Hunter-Lab	53.7185, -4.4792, -4.7050

Details

The XYZ color **26.9430, 28.8568, 38.3323** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7934, 30.5823, 26.8875**, and the grayscale version is **27.0526, 28.4615, 30.9945**.

A 20% lighter version of the original color is **54.1384, 57.8156, 73.9518**, and **10.7453, 11.5600, 16.4168** is the 20% darker color. If you saturate the color by 10%, you get **23.3301, 25.1746, 37.8125**, and if you desaturate by 10%, it is **31.0421, 32.9231, 38.9016**.

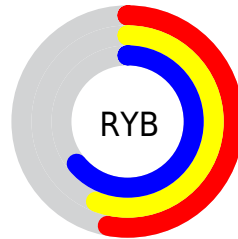
Distribution



Red (53%)

Green (58%)

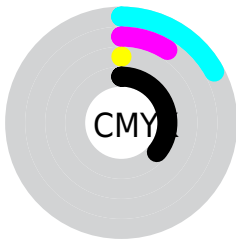
Blue (64%)



Red (53%)

Yellow (56%)

Blue (64%)

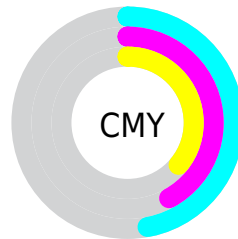


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9430, 28.8568, 38.3323 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 26.9430, 28.8568, 38.3323 by changing the saturation by 10% instead.

■ 26.9430, 28.8568,
38.3323

■ 26.9430, 28.8568,
38.3323

279.5536,
296.5387, 354.3841

■ 17.6668, 18.9725,
25.9369

■ 54.2129, 57.8495,
73.8262

■ 10.8093, 11.6504,
16.5511

■ 72.9373, 77.7267,
97.7618

■ 6.0051, 6.5061,
9.7564

■ 95.5419, 101.7037,
126.3812

■ 2.8889, 3.1552,
5.1342

122.3919,
130.1648, 160.1030

■ 1.0953, 1.2133,
2.2661

153.8527,
163.4944, 199.3456

■ 0.0211, 0.0725,
0.7122

190.2897,

■ 0.0000, 0.0000,

202.0771, 244.5276

0.0000

232.0682,
246.2970, 296.0676

■ 26.9430, 28.8568,
38.3323

■ 26.9430, 28.8568,
38.3323

■ 23.3301, 25.1746,
37.8125

■ 31.0421, 32.9231,
38.9016

■ 20.1810, 21.8601,
37.3387

■ 35.6434, 37.3821,
39.5197

■ 17.4755, 18.9007,
36.9100

■ 40.7652, 42.2465,
40.1887

■ 15.1905, 16.2819,
36.5250

■ 46.4242, 47.5274,
40.9098

■ 13.3009, 13.9875,
36.1817

■ 52.6363, 53.2354,
41.6841

■ 11.7783, 12.0000,
35.8783

■ 59.4167, 59.3807,
42.5129

■ 10.5903, 10.2993,
35.6127

■ 66.7799, 65.9730,
43.3973

■ 9.6863, 8.8562,
35.3818

■ 71.5041, 71.3536,
44.1868

■ 9.4651, 8.4954,
35.3238

■ 73.5898, 75.5250,
44.8821

Harmonies

Analogous

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



25.9067, 28.8568, 36.5749



26.9430, 28.8568, 38.3323



28.1392, 28.8568, 38.1414

Triad

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



26.9430, 28.8568, 38.3323



29.6837, 28.8568, 29.4423



25.7532, 28.8568, 27.1873

Complementary

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



26.9430, 28.8568, 38.3323



29.7934, 30.5823, 26.8875

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.



26.7279, 28.8568, 25.5389



26.9430, 28.8568, 38.3323



29.0067, 28.8568, 26.7740

Square

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



26.9430, 28.8568, 38.3323



29.7453, 28.8568, 32.8368



27.9178, 28.8568, 25.3933



25.2333, 28.8568, 30.0448

Rectangle

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



26.9430, 28.8568, 38.3323



28.8664, 28.8568, 36.9360



27.9178, 28.8568, 25.3933



26.0372, 28.8568, 26.4827

Sweetspot

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



26.9439, 28.8580, 38.3329



58.1031, 61.4786, 70.8603



28.0608, 33.0329, 32.7212



12.9285, 13.6896, 15.8985



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.



26.9439, 28.8580, 38.3329



46.1092, 49.5540, 69.1908



24.9434, 24.8570, 37.6661



6.9794, 7.4177, 8.9670



7.4998, 6.7791, 27.8430



0.2048, 0.2370, 0.6008

Inverse Universe

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



28.7714, 26.8703, 31.6884



50.1387, 45.3500, 54.5001



32.0421, 35.0797, 27.6370



7.2146, 7.1423, 8.1163



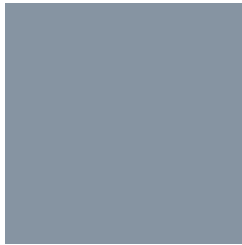
12.9310, 6.5285, 6.8275



0.2956, 0.1467, 0.2691

Previews

White Background



This preview shows how the XYZ color 26.9430, 28.8568, 38.3323 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 26.9430, 28.8568, 38.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

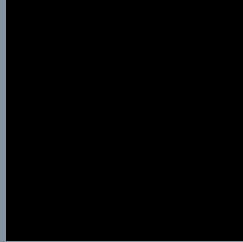
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

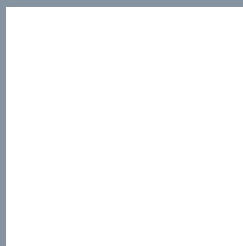
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9430, 28.8568, 38.3323

Background



This preview shows how black text looks on a background with the XYZ color 26.9430, 28.8568, 38.3323.

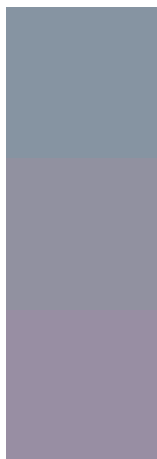


This preview shows how white text looks on a background with the XYZ color 26.9430, 28.8568,

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

26.9430, 28.8568, 38.3323

Protanopia

28.1476, 28.8086, 37.3348

Deuteranopia

29.2328, 28.6657, 38.6426



Tritanopia

26.7666, 28.7862, 37.4032

Trichromacy



Original Color

26.9430, 28.8568, 38.3323

Protanomaly

27.6964, 28.7937, 37.8162

Deuteranomaly

28.2612, 28.6106, 38.6832

Tritanomaly

26.8544, 28.8214, 37.8659

Monochromacy



Original Color

26.9430, 28.8568, 38.3323

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8493, 28.4549, 33.3554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9430, 28.8568, 38.3323 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(134, 148, 162)` looks like.

```
.text, #text, p{  
    color:rgb(134, 148, 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(134, 148, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 148, 162) }
```

Border

The CSS property to change the border of an element to XYZ 26.9430, 28.8568, 38.3323 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(134, 148, 162) }
```


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

```
.border{ border-color:rgb(134, 148, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 148, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 148, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 148, 162);  
box-shadow:4px 4px 4px 4px rgb(134, 148,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9430, 28.8568, 38.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 148, 162) }
```

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

```
.background{ background-color: rgb(134,  
148, 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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