

Converting Colors

XYZ(26.9635, 29.1897, 38.1763)

Have a look what the booklet for
XYZ(26.9635, 29.1897, 38.1763)
contains.

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Color

**XYZ(26.9419, 29.0901,
38.3774)**

Conversions

Conversions Part 1

Format	Color
Hex	8595A2
RGB	133, 149, 162
RGB Percent	52%, 58%, 64%
CMY	0.4784, 0.4157, 0.3647
CMYK	0.18, 0.08, 0.00, 0.36
HSL	207°, 13%, 58%
HSV	207°, 18%, 64%
XYZ	26.9419, 29.0901, 38.3774
YIQ	145.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

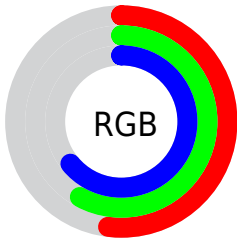
Format	Color
RYB	133, 143, 162
Decimal	8754594
CIELab	60.86, -2.85, -8.76
CIElCh	61, 9.209, 251.974
Yxy	29.0901, 0.2854, 0.3081
Android (android.graphics.Color)	4286944674 (0xFF8595A2)
YUV	145.6980, 8.0369, -11.1361
Hunter-Lab	53.9352, -5.2218, -4.4329

Details

The XYZ color **26.9419, 29.0901, 38.3774** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4130, 29.9325, 26.4182**, and the grayscale version is **27.1709, 28.5859, 31.1301**.

A 20% lighter version of the original color is **54.1300, 58.1607, 74.0188**, and **10.7494, 11.7002, 16.4437** is the 20% darker color. If you saturate the color by 10%, you get **23.4659, 25.6463, 37.8964**, and if you desaturate by 10%, it is **30.8858, 32.8830, 38.9021**.

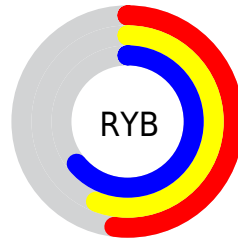
Distribution



Red (52%)

Green (58%)

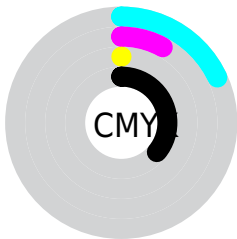
Blue (64%)



Red (52%)

Yellow (56%)

Blue (64%)

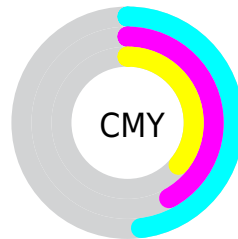


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9419, 29.0901, 38.3774 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 26.9419, 29.0901, 38.3774 by changing the saturation by 10% instead.

■ 26.9419, 29.0901,
38.3774

■ 26.9419, 29.0901,
38.3774

279.5484,
297.6398, 354.5828

■ 17.6660, 19.1490,
25.9716

■ 54.2112, 58.2202,
73.8961

■ 10.8087, 11.7780,
16.5768

■ 72.9352, 78.1780,
97.8460

■ 6.0047, 6.5927,
9.7745

■ 95.5393, 102.2435,
126.4811

■ 2.8886, 3.2087,
5.1461

122.3888,
130.8010, 160.2199

■ 1.0951, 1.2416,
2.2730

153.8492,
164.2350, 199.4809

■ 0.0210, 0.0953,
0.7160

190.2856,

■ 0.0000, 0.0000,

202.9299, 244.6827

0.0000

232.0636,
247.2700, 296.2438

■ 26.9419, 29.0901,
38.3774

■ 26.9419, 29.0901,
38.3774

■ 23.4659, 25.6463,
37.8964

■ 30.8858, 32.8830,
38.9021

■ 20.4358, 22.5360,
37.4557

■ 35.3131, 37.0325,
39.4697

■ 17.8317, 19.7478,
37.0548

■ 40.2417, 41.5505,
40.0820

■ 15.6312, 17.2681,
36.6921

■ 45.6880, 46.4471,
40.7401

■ 13.8095, 15.0819,
36.3662

■ 51.6673, 51.7321,
41.4450

■ 12.3386, 13.1727,
36.0752

■ 58.1946, 57.4148,
42.1979

■ 11.1864, 11.5217,
35.8172

■ 65.2839, 63.5042,
42.9996

■ 10.2981, 10.0984,
35.5893

■ 70.0965, 68.5384,
43.7177

■ 10.1267, 9.8188,
35.5444

■ 71.8974, 72.1401,
44.3179

Harmonies

Analogous

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



25.9703, 29.0901, 36.2988



26.9419, 29.0901, 38.3774



28.1304, 29.0901, 38.5828

Triad

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



26.9419, 29.0901, 38.3774



29.9667, 29.0901, 30.3239



26.1357, 29.0901, 27.0142

Complementary

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



26.9419, 29.0901, 38.3774



29.4130, 29.9325, 26.4182

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.



27.1737, 29.0901, 25.6437



26.9419, 29.0901, 38.3774



29.3991, 29.0901, 27.4600

Square

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



26.9419, 29.0901, 38.3774



29.9002, 29.0901, 33.7618



28.3689, 29.0901, 25.8008



25.5142, 29.0901, 29.6744

Rectangle

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



26.9419, 29.0901, 38.3774



28.8883, 29.0901, 37.6123



28.3689, 29.0901, 25.8008



26.4462, 29.0901, 26.3964

Sweetspot

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



26.9428, 29.0913, 38.3781



58.2354, 61.7432, 70.9044



27.7484, 32.8896, 31.9041



12.9620, 13.7565, 15.9096



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.



26.9428, 29.0913, 38.3781



46.6091, 50.5538, 69.3574



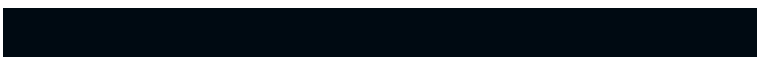
24.8497, 24.9051, 37.6804



7.0092, 7.4775, 8.9769



8.0215, 7.8223, 28.0169



0.2149, 0.2570, 0.6041

Inverse Universe

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



28.7133, 26.6270, 32.0613



50.3910, 45.4509, 55.8288



31.7168, 34.5401, 27.1861



7.2296, 7.1483, 8.1957



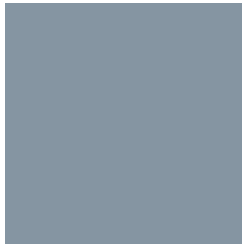
13.1943, 6.6338, 8.2139



0.3006, 0.1487, 0.2957

Previews

White Background



This preview shows how the XYZ color 26.9419, 29.0901, 38.3774 looks on a white background.

Color Contrast Check

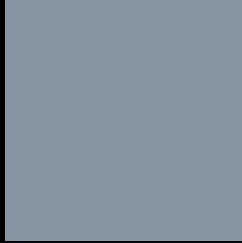
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9419, 29.0901, 38.3774 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

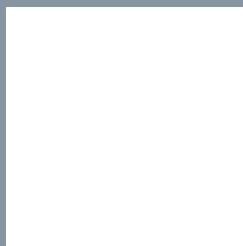
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9419, 29.0901, 38.3774

Background



This preview shows how black text looks on a background with the XYZ color 26.9419, 29.0901, 38.3774.



This preview shows how white text looks on a background with the XYZ color 26.9419, 29.0901,

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

26.9419, 29.0901, 38.3774

Protanopia

28.3011, 29.1156, 37.3859

Deuteranopia

29.5702, 29.0616, 38.7013



Tritanopia

26.8533, 29.0546, 37.9110

Trichromacy



Original Color

26.9419, 29.0901, 38.3774

Protanomaly

27.8512, 29.1034, 37.8678

Deuteranomaly

28.5903, 29.0061, 38.7422

Tritanomaly

26.8533, 29.0546, 37.9110

Monochromacy



Original Color

26.9419, 29.0901, 38.3774

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.0857, 28.7972, 33.8366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9419, 29.0901, 38.3774 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(133, 149, 162)` looks like.

```
.text, #text, p{  
    color:rgb(133, 149, 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(133, 149, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 149, 162) }
```

Border

The CSS property to change the border of an element to XYZ 26.9419, 29.0901, 38.3774 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(133, 149, 162) }
```


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

```
.border{ border-color:rgb(133, 149, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 149, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 149, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 149, 162);  
box-shadow:4px 4px 4px 4px rgb(133, 149,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9419, 29.0901, 38.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 149, 162) }
```

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

```
.background{ background-color: rgb(133,  
149, 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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