

Converting Colors

XYZ(26.8550, 27.4823, 37.8735)

Have a look what the booklet for
XYZ(26.8550, 27.4823, 37.8735)
contains.

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Color

**XYZ(26.8420, 27.4436,
38.0648)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8EA2
RGB	139, 142, 162
RGB Percent	55%, 56%, 64%
CMY	0.4549, 0.4431, 0.3647
CMYK	0.14, 0.12, 0.00, 0.36
HSL	232°, 11%, 59%
HSV	232°, 14%, 64%
XYZ	26.8420, 27.4436, 38.0648
YIQ	143.3830, -8.2080, 5.5840

Conversions

Conversions Part 2

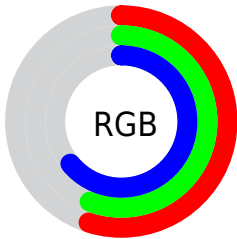
Format	Color
R_{YB}	139, 142, 162
Decimal	9146018
CIE Lab	59.38, 3.12, -10.92
CIE LCh	59, 11.357, 285.925
Yxy	27.4436, 0.2907, 0.2972
Android (android.graphics.Color)	4287336098 (0xFF8B8EA2)
YUV	143.3830, 9.1782, -3.8439
Hunter-Lab	52.3866, -0.2163, -6.4102

Details

The XYZ color **26.8420, 27.4436, 38.0648** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.9587, 34.3414, 29.3707**, and the grayscale version is **26.2289, 27.5949, 30.0508**.

A 20% lighter version of the original color is **54.2566, 55.8271, 73.5617**, and **10.7614, 10.9039, 16.2893** is the 20% darker color. If you saturate the color by 10%, you get **22.3701, 22.2219, 37.2930**, and if you desaturate by 10%, it is **31.9813, 33.4039, 38.9448**.

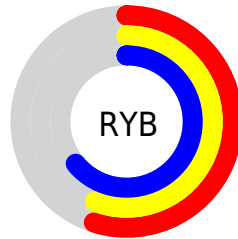
Distribution



Red (55%)

Green (56%)

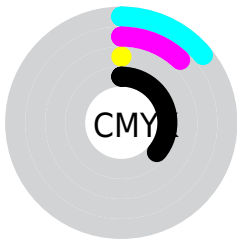
Blue (64%)



Red (55%)

Yellow (56%)

Blue (64%)

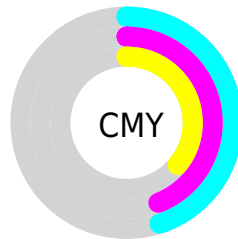


Cyan (14%)

Magenta (12%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8420, 27.4436, 38.0648 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 26.8420, 27.4436, 38.0648 by changing the saturation by 10% instead.

■ 26.8420, 27.4436,
38.0648

■ 26.8420, 27.4436,
38.0648

279.0728,
289.7986, 353.2044

■ 17.5906, 17.9067,
25.7308

■ 54.0519, 55.5949,
73.4120

■ 10.7543, 10.8830,
16.3984

■ 72.7411, 74.9780,
97.2622

■ 5.9680, 5.9882,
9.6491

■ 95.3069, 98.4120,
125.7882

■ 2.8661, 2.8379,
5.0644

122.1147,
126.2813, 159.4086

■ 1.0833, 1.0477,
2.2257

153.5298,
158.9701, 198.5419

■ 0.0111, 0.0000,
0.6891

189.9177,

■ 0.0000, 0.0000,

196.8631, 243.6065

0.0000

231.6435,
240.3444, 295.0212

■ 26.8420, 27.4436,
38.0648

■ 26.8420, 27.4436,
38.0648

■ 22.3701, 22.2219,
37.2930

■ 31.9813, 33.4039,
38.9448

■ 18.5356, 17.7066,
36.6236

■ 37.8112, 40.1266,
39.9352

■ 15.3102, 13.8684,
36.0527

■ 44.3572, 47.6385,
41.0401

■ 12.6620, 10.6741,
35.5758

■ 51.6422, 55.9642,
42.2632

■ 10.5567, 8.0883,
35.1876

■ 59.6887, 65.1272,
43.6077

■ 8.9559, 6.0717,
34.8827

■ 68.5177, 75.1500,
45.0769

■ 7.8162, 4.5804,
34.6550

■ 78.1497, 86.0543,
46.6740

■ 7.0866, 3.5638,
34.4972

■ 83.4219, 95.1892,
48.1594

■ 6.7925, 3.1504,
34.4329

■ 83.5217, 95.3887,
48.1926

Harmonies

Analogous

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



25.4248, 27.4436, 38.1418



26.8420, 27.4436, 38.0648



28.0991, 27.4436, 35.6682

Triad

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



26.8420, 27.4436, 38.0648



28.0335, 27.4436, 24.5996



23.5202, 27.4436, 28.0166

Complementary

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



26.8420, 27.4436, 38.0648



31.9587, 34.3414, 29.3707

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.



24.1682, 27.4436, 24.7570



26.8420, 27.4436, 38.0648



26.7552, 27.4436, 22.9091

Square

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



26.8420, 27.4436, 38.0648



28.8039, 27.4436, 27.7833



25.3410, 27.4436, 22.9640



23.5415, 27.4436, 32.0826

Rectangle

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



26.8420, 27.4436, 38.0648



28.6621, 27.4436, 33.1922



25.3410, 27.4436, 22.9640



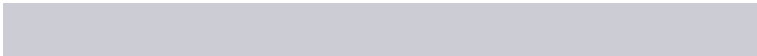
23.6659, 27.4436, 26.7985

Sweetspot

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



26.8428, 27.4447, 38.0654



58.1799, 60.7815, 70.7217



29.8204, 33.8310, 37.7293



12.9049, 13.4638, 15.8561



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.



26.8428, 27.4447, 38.0654



46.0647, 46.7180, 68.6457



27.8651, 27.3175, 37.9870



6.7716, 7.0021, 8.8977



5.3703, 2.5200, 27.1331



0.1332, 0.0938, 0.5769

Inverse Universe

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



29.0160, 28.1002, 29.4871



50.7868, 48.1765, 49.9980



30.8250, 34.5328, 29.4674



7.1097, 7.1003, 7.5639



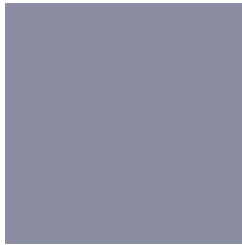
11.8561, 6.0985, 1.1671



0.2594, 0.1323, 0.0788

Previews

White Background



This preview shows how the XYZ color 26.8420, 27.4436, 38.0648 looks on a white background.

Color Contrast Check

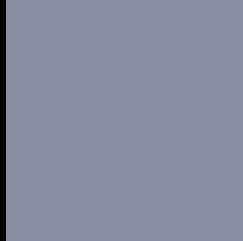
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8420, 27.4436, 38.0648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

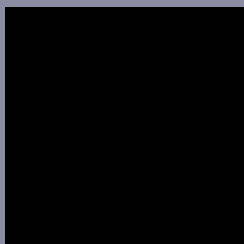
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

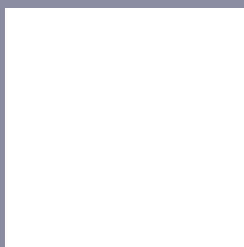
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8420, 27.4436, 38.0648

Background



This preview shows how black text looks on a background with the XYZ color 26.8420, 27.4436, 38.0648.



This preview shows how white text looks on a background with the XYZ color 26.8420, 27.4436,

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

26.8420, 27.4436, 38.0648

Protanopia

27.0098, 27.5301, 38.0727

Deuteranopia

27.8761, 27.3126, 38.4530



Tritanopia

26.2201, 27.4148, 34.9200

Trichromacy



Original Color

26.8420, 27.4436, 38.0648

Protanomaly

27.0098, 27.5301, 38.0727

Deuteranomaly

27.4905, 27.3298, 38.4766

Tritanomaly

26.4752, 27.5168, 36.2636

Monochromacy



Original Color

26.8420, 27.4436, 38.0648

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4828, 27.5977, 32.7853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8420, 27.4436, 38.0648 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(139, 142, 162)` looks like.

```
.text, #text, p{  
    color:rgb(139, 142, 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(139, 142, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 142, 162) }
```

Border

The CSS property to change the border of an element to XYZ 26.8420, 27.4436, 38.0648 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(139, 142, 162) }
```


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

```
.border{ border-color:rgb(139, 142, 162) }
```

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

Here you see how a box with a 4 pixel rgb(139, 142, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 142, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 142, 162);  
box-shadow:4px 4px 4px 4px rgb(139, 142,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8420, 27.4436, 38.0648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 142, 162) }
```

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

```
.background{ background-color: rgb(139,  
142, 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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