

Converting Colors

XYZ(27.0719, 28.6429, 41.1854)

Have a look what the booklet for
XYZ(27.0719, 28.6429, 41.1854)
contains.

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Color

**XYZ(27.0173, 28.6001,
41.1422)**

Conversions

Conversions Part 1

Format	Color
Hex	8493A8
RGB	132, 147, 168
RGB Percent	52%, 58%, 66%
CMY	0.4823, 0.4235, 0.3412
CMYK	0.21, 0.12, 0.00, 0.34
HSL	215°, 17%, 59%
HSV	215°, 21%, 66%
XYZ	27.0173, 28.6001, 41.1422
YIQ	144.9090, -15.6810, 3.3510

Conversions

Conversions Part 2

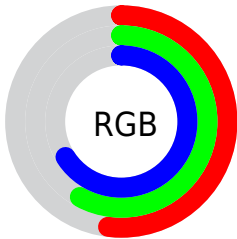
Format	Color
RYB	132, 143, 168
Decimal	8688552
CIELab	60.43, -0.67, -12.82
CIELCh	60, 12.837, 266.995
Yxy	28.6001, 0.2792, 0.2956
Android (android.graphics.Color)	4286878632 (0xFF8493A8)
YUV	144.9090, 11.3839, -11.3212
Hunter-Lab	53.4791, -3.4112, -8.1773

Details

The XYZ color **27.0173, 28.6001, 41.1422** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7048, 32.7733, 26.4853**, and the grayscale version is **26.8372, 28.2348, 30.7477**.

A 20% lighter version of the original color is **54.2135, 57.4153, 78.0369**, and **10.9068, 11.6042, 18.1880** is the 20% darker color. If you saturate the color by 10%, you get **23.1394, 24.4350, 40.5431**, and if you desaturate by 10%, it is **31.4498, 33.2453, 41.8057**.

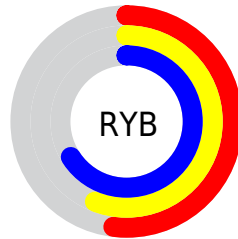
Distribution



Red (52%)

Green (58%)

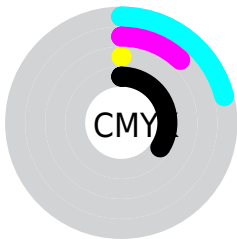
Blue (66%)



Red (52%)

Yellow (56%)

Blue (66%)

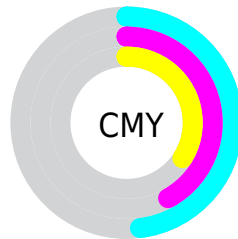


Cyan (21%)

Magenta (12%)

Yellow (0%)

Black (34%)



Cyan (48%)

Magenta (42%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0173, 28.6001, 41.1422 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 27.0173, 28.6001, 41.1422 by changing the saturation by 10% instead.

■ 27.0173, 28.6001,
41.1422

■ 27.0173, 28.6001,
41.1422

279.9069,
295.3234, 366.6088

■ 17.7229, 18.7785,
28.1097

■ 54.3313, 57.4411,
78.1557

■ 10.8497, 11.5103,
18.1686

■ 73.0816, 77.2293,
102.9738

■ 6.0324, 6.4112,
10.9004

■ 95.7146, 101.1085,
132.5575

■ 2.9056, 3.0967,
5.8866

122.5956,
129.4632, 167.3253

■ 1.1041, 1.1824,
2.7086

154.0900,
162.6776, 207.6958

■ 0.0285, 0.0473,
0.9477

190.5631,

■ 0.0000, 0.0000,

201.1361, 254.0875

0.0000

232.3803,
245.2233, 306.9190

■ 27.0173, 28.6001,
41.1422

■ 27.0173, 28.6001,
41.1422

■ 23.1394, 24.4350,
40.5431

■ 31.4498, 33.2453,
41.8057

■ 19.7901, 20.7297,
40.0044

■ 36.4564, 38.3829,
42.5335

■ 16.9451, 17.4673,
39.5247

■ 42.0586, 44.0295,
43.3281

■ 14.5769, 14.6285,
39.1016

■ 48.2760, 50.1992,
44.1913

■ 12.6553, 12.1922,
38.7326

■ 55.1274, 56.9061,
45.1247

■ 11.1459, 10.1352,
38.4151

■ 62.6307, 64.1634,
46.1300

■ 10.0088, 8.4307,
38.1460

■ 70.8030, 71.9839,
47.2088

■ 9.2586, 7.2085,
37.9497

■ 75.3408, 78.1528,
48.1604

■ 78.0727, 83.6166,
49.0710

Harmonies

Analogous

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



25.4890, 28.6001, 39.4137



27.0173, 28.6001, 41.1422



28.6517, 28.6001, 39.9745

Triad

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



27.0173, 28.6001, 41.1422



30.1146, 28.6001, 27.1895



24.6046, 28.6001, 26.4416

Complementary

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



27.0173, 28.6001, 41.1422



31.7048, 32.7733, 26.4853

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.



25.7664, 28.6001, 23.7147



27.0173, 28.6001, 41.1422



28.9516, 28.6001, 24.1147

Square

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



27.0173, 28.6001, 41.1422



30.4821, 28.6001, 31.6202



27.3505, 28.6001, 22.9075



24.1319, 28.6001, 30.6660

Rectangle

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



27.0173, 28.6001, 41.1422



29.5744, 28.6001, 37.7698



27.3505, 28.6001, 22.9075



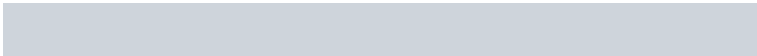
24.9252, 28.6001, 25.3364

Sweetspot

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



27.0182, 28.6013, 41.1428



61.7686, 65.1722, 76.5490



29.2192, 35.1915, 35.1310



13.3413, 14.0799, 16.6667



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.0182, 28.6013, 41.1428



45.3511, 47.9768, 74.0953



25.2152, 24.4316, 40.4331



7.3790, 7.7950, 9.5340



7.0400, 5.5403, 28.6738



0.2221, 0.2365, 0.7146

Inverse Universe

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



29.6669, 26.9346, 31.2403



51.1412, 44.5937, 52.3898



33.8102, 37.7356, 27.3321



7.6559, 7.5922, 8.5053



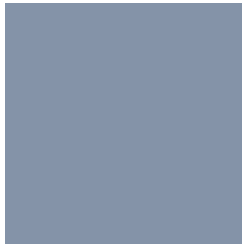
13.0541, 6.6303, 5.0964



0.3433, 0.1716, 0.2591

Previews

White Background



This preview shows how the XYZ color 27.0173, 28.6001, 41.1422 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 27.0173, 28.6001, 41.1422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

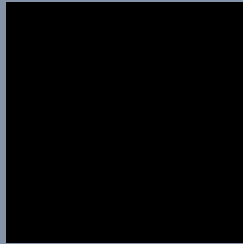
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0173, 28.6001, 41.1422

Background



This preview shows how black text looks on a background with the XYZ color 27.0173, 28.6001, 41.1422.



This preview shows how white text looks on a background with the XYZ color 27.0173, 28.6001,

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

27.0173, 28.6001, 41.1422

Protanopia

28.0115, 28.4505, 40.0915

Deuteranopia

29.0472, 28.5065, 41.5075



Tritanopia

26.1410, 28.4637, 37.3740

Trichromacy



Original Color

27.0173, 28.6001, 41.1422

Protanomaly

27.5817, 28.4441, 40.5958

Deuteranomaly

28.2900, 28.5619, 41.5581

Tritanomaly

26.5608, 28.6494, 38.7803

Monochromacy



Original Color

27.0173, 28.6001, 41.1422

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8439, 28.4331, 34.2103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0173, 28.6001, 41.1422 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(132, 147, 168)` looks like.

```
.text, #text, p{  
    color:rgb(132, 147, 168)  
}
```

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(132, 147, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 147, 168) }
```

Border

The CSS property to change the border of an element to XYZ 27.0173, 28.6001, 41.1422 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(132, 147, 168) }
```


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

```
.border{ border-color:rgb(132, 147, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 147, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 147, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 147, 168);  
box-shadow:4px 4px 4px 4px rgb(132, 147,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0173, 28.6001, 41.1422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 147, 168) }
```

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

```
.background{ background-color: rgb(132,  
147, 168) }
```

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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