

Converting Colors

XYZ(26.8026, 28.0209, 41.5320)

Have a look what the booklet for
XYZ(26.8026, 28.0209, 41.5320)
contains.

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Color

**XYZ(26.8026, 28.0209,
41.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	8491A9
RGB	132, 145, 169
RGB Percent	52%, 57%, 66%
CMY	0.4823, 0.4314, 0.3373
CMYK	0.22, 0.14, 0.00, 0.34
HSL	219°, 18%, 59%
HSV	219°, 22%, 66%
XYZ	26.8026, 28.0209, 41.5320
YIQ	143.8490, -15.4520, 4.7080

Conversions

Conversions Part 2

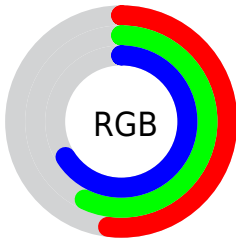
Format	Color
RYB	132, 142, 169
Decimal	8688041
CIELab	59.91, 0.69, -14.17
CIElCh	60, 14.187, 272.800
Yxy	28.0209, 0.2782, 0.2908
Android (android.graphics.Color)	4286878121 (0xFF8491A9)
YUV	143.8490, 12.3994, -10.3916
Hunter-Lab	52.9348, -2.2555, -9.4639

Details

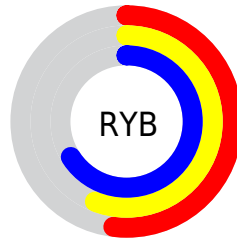
The XYZ color **26.8026, 28.0209, 41.5320** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4159, 33.8782, 26.6613**, and the grayscale version is **26.4054, 27.7805, 30.2530**.

A 20% lighter version of the original color is **54.1277, 56.6678, 78.6061**, and **10.7828, 11.2626, 18.4352** is the 20% darker color. If you saturate the color by 10%, you get **22.7760, 23.5780, 40.8871**, and if you desaturate by 10%, it is **31.4207, 33.0101, 42.2521**.

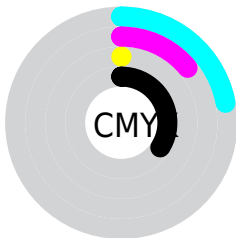
Distribution



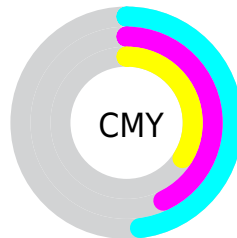
- Red (52%)
- Green (57%)
- Blue (66%)



- Red (52%)
- Yellow (56%)
- Blue (66%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (34%)



- Cyan (48%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8026, 28.0209, 41.5320 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 26.8026, 28.0209, 41.5320 by changing the saturation by 10% instead.

■ 26.8026, 28.0209,
41.5320

■ 26.8026, 28.0209,
41.5320

278.8851,
292.5668, 368.2815

■ 17.5608, 18.3414,
28.4122

■ 53.9891, 56.5178,
78.7533

■ 10.7329, 11.1954,
18.3949

■ 72.6645, 76.1040,
103.6918

■ 5.9535, 6.1984,
11.0615

■ 95.2152, 99.7613,
133.4070

■ 2.8572, 2.9661,
5.9935

122.0065,
127.8739, 168.3173

■ 1.0787, 1.1141,
2.7724

153.4038,
160.8264, 208.8414

■ 0.0072, 0.0000,
0.9796

189.7724,

■ 0.0000, 0.0000,

199.0031, 255.3978

0.0000

231.4777,
242.7884, 308.4050

■ 26.8026, 28.0209,
41.5320

■ 26.8026, 28.0209,
41.5320

■ 22.7760, 23.5780,
40.8871

■ 31.4207, 33.0101,
42.2521

■ 19.3132, 19.6582,
40.3130

■ 36.6513, 38.5607,
43.0478

■ 16.3880, 16.2417,
39.8078

■ 42.5174, 44.6917,
43.9220

■ 13.9710, 13.3058,
39.3685

■ 49.0403, 51.4200,
44.8769

■ 12.0297, 10.8261,
38.9922

■ 56.2399, 58.7616,
45.9145

■ 10.5275, 8.7754,
38.6755

■ 64.1355, 66.7321,
47.0368

■ 9.4216, 7.1227,
38.4148

■ 72.7455, 75.3465,
48.2458

■ 8.7453, 6.0321,
38.2399

■ 77.4546, 82.2308,
49.3264

■ 80.6495, 88.6206,
50.3913

Harmonies

Analogous

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



25.0806, 28.0209, 40.2130



26.8026, 28.0209, 41.5320



28.5542, 28.0209, 39.6333

Triad

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



26.8026, 28.0209, 41.5320



29.6526, 28.0209, 25.4446



23.6690, 28.0209, 26.1956

Complementary

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



26.8026, 28.0209, 41.5320



32.4159, 33.8782, 26.6613

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.



24.8000, 28.0209, 22.9067



26.8026, 28.0209, 41.5320



28.2483, 28.0209, 22.5086

Square

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



26.8026, 28.0209, 41.5320



30.2454, 28.0209, 30.0279



26.4642, 28.0209, 21.6340



23.3204, 28.0209, 30.9972

Rectangle

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



26.8026, 28.0209, 41.5320



29.4890, 28.0209, 36.9107



26.4642, 28.0209, 21.6340



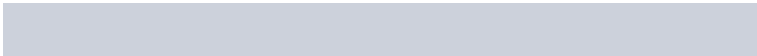
23.9677, 28.0209, 24.8956

Sweetspot

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



26.8035, 28.0220, 41.5326



60.5983, 63.7299, 76.3323



29.6572, 35.6632, 36.5227



13.0949, 13.7705, 16.6199



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.



26.8035, 28.0220, 41.5326



44.5763, 46.4272, 73.8370



25.7191, 24.6807, 40.9448



7.3394, 7.7157, 9.5208



6.5640, 4.5882, 28.5151



0.2077, 0.2076, 0.7098

Inverse Universe

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



29.7250, 26.9827, 30.4308



50.7501, 44.4373, 50.3304



33.6770, 37.9420, 27.3792



7.6359, 7.5842, 8.3999



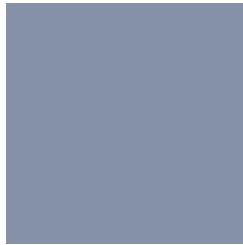
12.8138, 6.5342, 3.8311



0.3360, 0.1687, 0.2207

Previews

White Background



This preview shows how the XYZ color 26.8026, 28.0209, 41.5320 looks on a white background.

Color Contrast Check

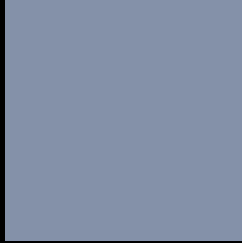
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8026, 28.0209, 41.5320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

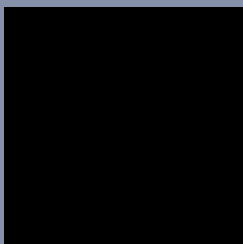
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

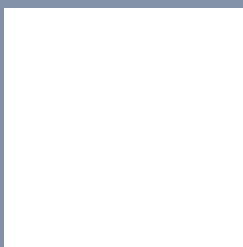
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8026, 28.0209, 41.5320

Background



This preview shows how black text looks on a background with the XYZ color 26.8026, 28.0209, 41.5320.



This preview shows how white text looks on a background with the XYZ color 26.8026, 28.0209,

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

26.8026, 28.0209, 41.5320

Protanopia

27.7056, 28.0475, 40.9993

Deuteranopia

28.6346, 28.0630, 41.9377



Tritanopia

25.8112, 28.0819, 36.4077

Trichromacy



Original Color

26.8026, 28.0209, 41.5320

Protanomaly

27.3577, 28.0920, 41.0262

Deuteranomaly

27.9132, 27.9110, 41.9464

Tritanomaly

26.1605, 27.9917, 38.2065

Monochromacy



Original Color

26.8026, 28.0209, 41.5320

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.5382, 27.8219, 34.1084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8026, 28.0209, 41.5320 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, 145, 169)` looks like.

```
.text, #text, p{  
    color:rgb(132, 145, 169)  
}
```

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, 145, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 145, 169) }
```

Border

The CSS property to change the border of an element to XYZ 26.8026, 28.0209, 41.5320 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, 145, 169) }
```


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

```
.border{ border-color:rgb(132, 145, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 145, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 145, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 145, 169);  
box-shadow:4px 4px 4px 4px rgb(132, 145,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8026, 28.0209, 41.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 145, 169) }
```

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

```
.background{ background-color: rgb(132,  
145, 169) }
```

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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