

Converting Colors

XYZ(26.9219, 28.3773, 36.5496)

Have a look what the booklet for
XYZ(26.9219, 28.3773, 36.5496)
contains.

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Color

**XYZ(26.9317, 28.4297,
36.4158)**

Conversions

Conversions Part 1

Format	Color
Hex	8A929E
RGB	138, 146, 158
RGB Percent	54%, 57%, 62%
CMY	0.4588, 0.4274, 0.3804
CMYK	0.13, 0.08, 0.00, 0.38
HSL	216°, 9%, 58%
HSV	216°, 13%, 62%
XYZ	26.9317, 28.4297, 36.4158
YIQ	144.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

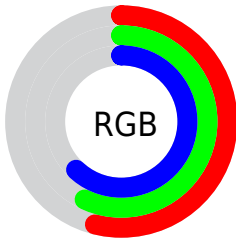
Format	Color
RYB	138, 144, 158
Decimal	9081502
CIELab	60.27, -0.36, -7.32
CIELCh	60, 7.327, 267.145
Yxy	28.4297, 0.2934, 0.3098
Android (android.graphics.Color)	4287271582 (0xFF8A929E)
YUV	144.9760, 6.4208, -6.1180
Hunter-Lab	53.3195, -3.1487, -3.1698

Details

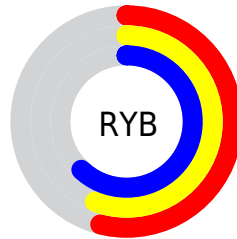
The XYZ color **26.9317, 28.4297, 36.4158** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.5945, 30.9166, 28.4530**, and the grayscale version is **26.8819, 28.2818, 30.7989**.

A 20% lighter version of the original color is **54.4027, 57.3191, 71.1472**, and **10.8612, 11.5020, 15.5576** is the 20% darker color. If you saturate the color by 10%, you get **23.1045, 24.3775, 35.8358**, and if you desaturate by 10%, it is **31.2620, 32.9226, 37.0552**.

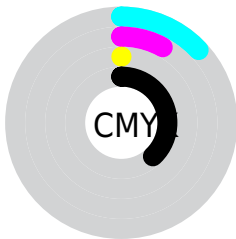
Distribution



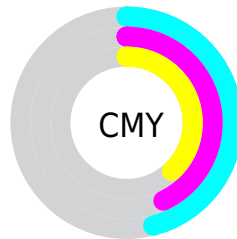
- Red (54%)
- Green (57%)
- Blue (62%)



- Red (54%)
- Yellow (56%)
- Blue (62%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9317, 28.4297, 36.4158 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 26.9317, 28.4297, 36.4158 by changing the saturation by 10% instead.

■ 26.9317, 28.4297,
36.4158

■ 26.9317, 28.4297,
36.4158

279.4999,
294.5145, 345.8665

■ 17.6583, 18.6498,
24.4633

■ 54.1949, 57.1698,
70.8496

■ 10.8031, 11.4175,
15.4623

■ 72.9154, 76.8987,
94.1680

■ 6.0009, 6.3484,
8.9942

■ 95.5156, 100.7128,
122.1120

■ 2.8863, 3.0581,
4.6407

122.3609,
128.9965, 155.1003

■ 1.0939, 1.1621,
1.9830

153.8166,
162.1341, 193.5514

■ 0.0200, 0.0304,
0.5448

190.2481,

■ 0.0000, 0.0000,

200.5100, 237.8837

0.0000

232.0207,
244.5087, 288.5159

■ 26.9317, 28.4297,
36.4158

■ 26.9317, 28.4297,
36.4158

■ 23.1045, 24.3775,
35.8358

■ 31.2620, 32.9226,
37.0552

■ 19.7587, 20.7483,
35.3116

■ 36.1112, 37.8663,
37.7539

■ 16.8745, 17.5280,
34.8421

■ 41.4972, 43.2749,
38.5140

■ 14.4298, 14.7006,
34.4252

■ 47.4366, 49.1607,
39.3370

■ 12.4005, 12.2487,
34.0589

■ 53.9450, 55.5357,
40.2245

■ 10.7598, 10.1535,
33.7409

■ 61.0375, 62.4113,
41.1778

■ 9.4777, 8.3940,
33.4689

■ 68.7285, 69.7986,
42.1983

■ 8.5189, 6.9464,
33.2400

■ 73.4879, 75.8813,
43.1215

■ 7.9612, 6.0478,
33.0960

■ 76.0741, 81.0536,
43.9836

Harmonies

Analogous

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



26.0532, 28.4297, 35.5083



26.9317, 28.4297, 36.4158



27.8543, 28.4297, 35.7914

Triad

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



26.9317, 28.4297, 36.4158



28.6613, 28.4297, 28.6539



25.5321, 28.4297, 28.2321

Complementary

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



26.9317, 28.4297, 36.4158



29.5945, 30.9166, 28.4530

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.



26.2056, 28.4297, 26.5753



26.9317, 28.4297, 36.4158



28.0136, 28.4297, 26.8088

Square

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



26.9317, 28.4297, 36.4158



28.8665, 28.4297, 31.2135



27.1117, 28.4297, 26.0696



25.2570, 28.4297, 30.6981

Rectangle

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



26.9317, 28.4297, 36.4158



28.3678, 28.4297, 34.6093



27.1117, 28.4297, 26.0696



25.7187, 28.4297, 27.5676

Sweetspot

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



26.9325, 28.4309, 36.4164



55.5975, 58.5786, 67.1199



28.1868, 32.0488, 33.4146



12.4016, 13.0695, 15.1127



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.9325, 28.4309, 36.4164



46.9899, 49.6137, 65.8432



26.0197, 26.1927, 36.0325



6.4917, 6.8491, 8.3865



6.4126, 4.9167, 26.5183



0.1548, 0.1682, 0.4875

Inverse Universe

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



28.3780, 27.5220, 31.0121



50.1204, 47.7113, 54.1240



30.5897, 33.3904, 28.8781



6.7375, 6.6879, 7.4689



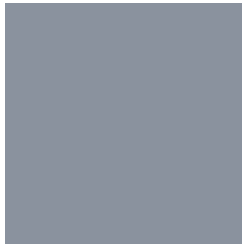
12.0350, 6.1186, 4.4353



0.2355, 0.1175, 0.1861

Previews

White Background



This preview shows how the XYZ color 26.9317, 28.4297, 36.4158 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 26.9317, 28.4297, 36.4158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

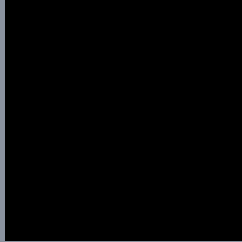
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

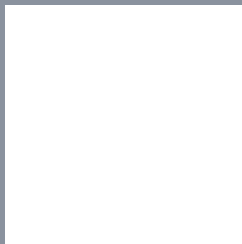
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9317, 28.4297, 36.4158

Background



This preview shows how black text looks on a background with the XYZ color 26.9317, 28.4297, 36.4158.

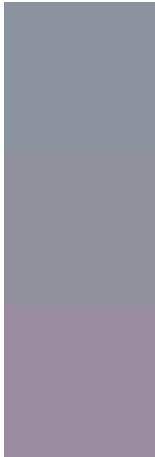


This preview shows how white text looks on a background with the XYZ color 26.9317, 28.4297,

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

26.9317, 28.4297, 36.4158

Protanopia

27.5607, 28.3101, 35.9101

Deuteranopia

28.9198, 28.3253, 36.7440



Tritanopia

26.9317, 28.4297, 36.4158

Trichromacy



Original Color

26.9317, 28.4297, 36.4158

Protanomaly

27.3665, 28.4359, 35.9446

Deuteranomaly

28.2932, 28.4440, 36.7999

Tritanomaly

26.9317, 28.4297, 36.4158

Monochromacy



Original Color

26.9317, 28.4297, 36.4158

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.7857, 28.2036, 32.8862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9317, 28.4297, 36.4158 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(138, 146, 158)` looks like.

```
.text, #text, p{  
    color:rgb(138, 146, 158)  
}
```

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(138, 146, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 146, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.9317, 28.4297, 36.4158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

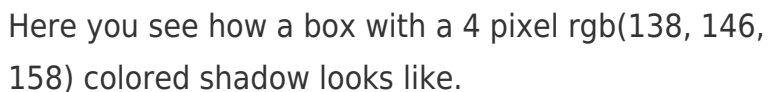
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 146, 158) }
```


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

```
.border{ border-color:rgb(138, 146, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 146, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 146, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 146, 158); box-shadow:4px 4px 4px 4px rgb(138, 146, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9317, 28.4297, 36.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 146, 158) }
```

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

```
.background{ background-color: rgb(138,  
146, 158) }
```

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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