

Converting Colors

XYZ(27.0760, 28.0446, 41.1787)

Have a look what the booklet for
XYZ(27.0760, 28.0446, 41.1787)
contains.

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Color

**XYZ(27.0328, 27.9246,
41.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	8790A8
RGB	135, 144, 168
RGB Percent	53%, 56%, 66%
CMY	0.4706, 0.4353, 0.3412
CMYK	0.20, 0.14, 0.00, 0.34
HSL	224°, 16%, 59%
HSV	224°, 20%, 66%
XYZ	27.0328, 27.9246, 41.0110
YIQ	144.0450, -13.0680, 5.5560

Conversions

Conversions Part 2

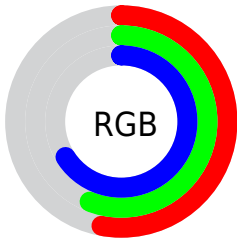
Format	Color
RYB	135, 142, 168
Decimal	8884392
CIELab	59.82, 2.00, -13.71
CIELCh	60, 13.857, 278.316
Yxy	27.9246, 0.2817, 0.2910
Android (android.graphics.Color)	4287074472 (0xFF8790A8)
YUV	144.0450, 11.8098, -7.9325
Hunter-Lab	52.8437, -1.1629, -9.0232

Details

The XYZ color **27.0328, 27.9246, 41.0110** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9199, 34.8702, 27.9178**, and the grayscale version is **26.4858, 27.8651, 30.3451**.

A 20% lighter version of the original color is **54.4996, 56.5347, 77.8519**, and **10.9014, 11.1977, 18.1098** is the 20% darker color. If you saturate the color by 10%, you get **22.7889, 23.1374, 40.3111**, and if you desaturate by 10%, it is **31.9053, 33.3345, 41.7989**.

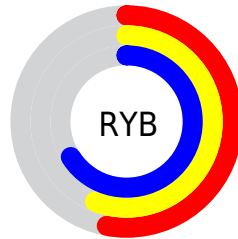
Distribution



Red (53%)

Green (56%)

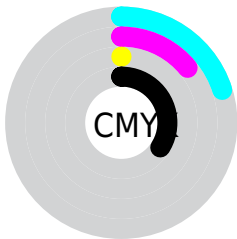
Blue (66%)



Red (53%)

Yellow (56%)

Blue (66%)

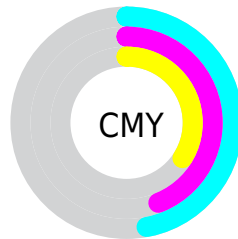


Cyan (20%)

Magenta (14%)

Yellow (0%)

Black (34%)



Cyan (47%)

Magenta (44%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0328, 27.9246, 41.0110 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 27.0328, 27.9246, 41.0110 by changing the saturation by 10% instead.

■ 27.0328, 27.9246,
41.0110

■ 27.0328, 27.9246,
41.0110

279.9805,
292.1065, 366.0446

■ 17.7346, 18.2688,
28.0079

■ 54.3560, 56.3640,
77.9544

■ 10.8581, 11.1432,
18.0925

■ 73.1117, 75.9165,
102.7319

■ 6.0381, 6.1632,
10.8463

■ 95.7506, 99.5366,
132.2712

■ 2.9091, 2.9446,
5.8507

122.6381,
127.6089, 166.9909

■ 1.1059, 1.1029,
2.6872

154.1394,
160.5176, 207.3095

■ 0.0300, 0.0000,
0.9370

190.6201,

■ 0.0000, 0.0000,

198.6471, 253.6457

0.0000

232.4453,
242.3820, 306.4179

■ 27.0328, 27.9246,
41.0110

■ 27.0328, 27.9246,
41.0110

■ 22.7889, 23.1374,
40.3111

■ 31.9053, 33.3345,
41.7989

■ 19.1446, 18.9466,
39.6943

■ 37.4284, 39.3854,
42.6757

■ 16.0726, 15.3287,
39.1579

■ 43.6265, 46.0992,
43.6449

■ 13.5423, 12.2576,
38.6985

■ 50.5215, 53.4954,
44.7091

■ 11.5202, 9.7049,
38.3123

■ 58.1348, 61.5931,
45.8709

■ 9.9685, 7.6391,
37.9953

■ 66.4864, 70.4102,
47.1326

■ 8.8439, 6.0251,
37.7431

■ 75.5959, 79.9643,
48.4966

■ 8.0629, 4.8058,
37.5489

■ 79.9832, 87.4376,
49.7078

■ 8.0383, 4.7678,
37.5429

■ 83.7366, 94.9445,
50.9590

Harmonies

Analogous

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



25.3135, 27.9246, 40.3040



27.0328, 27.9246, 41.0110



28.6902, 27.9246, 38.6399

Triad

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



27.0328, 27.9246, 41.0110



29.2795, 27.9246, 24.7957



23.5263, 27.9246, 26.9707

Complementary

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



27.0328, 27.9246, 41.0110



32.9199, 34.8702, 27.9178

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.



24.5028, 27.9246, 23.4323



27.0328, 27.9246, 41.0110



27.8086, 27.9246, 22.2763

Square

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



27.0328, 27.9246, 41.0110



30.0242, 27.9246, 29.0280



26.0562, 27.9246, 21.8062



23.3391, 27.9246, 31.8252

Rectangle

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



27.0328, 27.9246, 41.0110



29.5193, 27.9246, 35.7716



26.0562, 27.9246, 21.8062



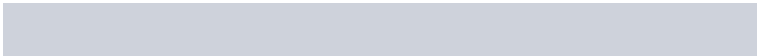
23.7710, 27.9246, 25.6042

Sweetspot

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



27.0337, 27.9257, 41.0116



61.2991, 64.2331, 76.3925



30.2225, 35.6477, 37.9302



13.2292, 13.8559, 16.6293



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.



27.0337, 27.9257, 41.0116



45.2210, 46.3677, 73.7915



26.9135, 25.9197, 40.6308



7.2922, 7.6212, 9.5050



6.1079, 3.6759, 28.3631



0.1903, 0.1727, 0.7040

Inverse Universe

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



29.8471, 27.6670, 30.1541



51.4048, 45.9598, 49.8915



33.0440, 37.3165, 28.3834



7.6121, 7.5747, 8.2743



12.5836, 6.4421, 2.6186



0.3272, 0.1651, 0.1744

Previews

White Background



This preview shows how the XYZ color 27.0328, 27.9246, 41.0110 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 27.0328, 27.9246, 41.0110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

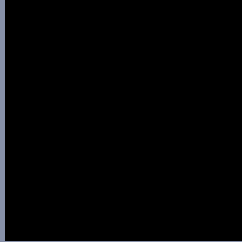
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0328, 27.9246, 41.0110

Background



This preview shows how black text looks on a background with the XYZ color 27.0328, 27.9246, 41.0110.

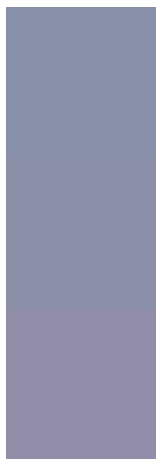


This preview shows how white text looks on a background with the XYZ color 27.0328, 27.9246,

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

27.0328, 27.9246, 41.0110

Protanopia

27.4450, 27.9239, 40.5026

Deuteranopia

28.5404, 28.0253, 41.4413



Tritanopia

26.0376, 27.9786, 35.9264

Trichromacy



Original Color

27.0328, 27.9246, 41.0110

Protanomaly

27.2787, 27.8382, 40.4948

Deuteranomaly

27.9898, 27.9614, 41.4580

Tritanomaly

26.3899, 27.8923, 37.7111

Monochromacy



Original Color

27.0328, 27.9246, 41.0110

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.7075, 27.9091, 34.1164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0328, 27.9246, 41.0110 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(135, 144, 168)` looks like.

```
.text, #text, p{  
    color:rgb(135, 144, 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(135, 144, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 144, 168) }
```

Border

The CSS property to change the border of an element to XYZ 27.0328, 27.9246, 41.0110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

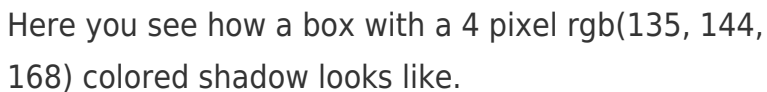
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 144, 168) }
```


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

```
.border{ border-color:rgb(135, 144, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 144, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 144, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 144, 168);  
box-shadow:4px 4px 4px 4px rgb(135, 144,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0328, 27.9246, 41.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 144, 168) }
```

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

```
.background{ background-color: rgb(135,  
144, 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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