

Converting Colors

XYZ(27.1008, 29.4078, 38.4303)

Have a look what the booklet for
XYZ(27.1008, 29.4078, 38.4303)
contains.

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Color

**XYZ(27.1008, 29.4079,
38.4303)**

Conversions

Conversions Part 1

Format	Color
Hex	8596A2
RGB	133, 150, 162
RGB Percent	52%, 59%, 64%
CMY	0.4784, 0.4118, 0.3647
CMYK	0.18, 0.07, 0.00, 0.36
HSL	205°, 13%, 58%
HSV	205°, 18%, 64%
XYZ	27.1008, 29.4079, 38.4303
YIQ	146.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

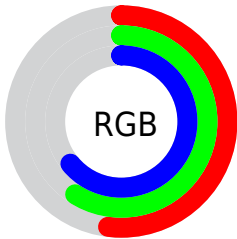
Format	Color
RYB	133, 144, 162
Decimal	8754850
CIELab	61.14, -3.41, -8.34
CIELCh	61, 9.010, 247.780
Yxy	29.4079, 0.2855, 0.3098
Android (android.graphics.Color)	4286944930 (0xFF8596A2)
YUV	146.2850, 7.7475, -11.6509
Hunter-Lab	54.2291, -5.6960, -4.0565

Details

The XYZ color **27.1008, 29.4079, 38.4303** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.2595, 29.6255, 26.3670**, and the grayscale version is **27.4125, 28.8401, 31.4069**.

A 20% lighter version of the original color is **54.3670, 58.6346, 74.0978**, and **10.8436, 11.8885, 16.4750** is the 20% darker color. If you saturate the color by 10%, you get **23.6989, 26.1123, 37.9740**, and if you desaturate by 10%, it is **30.9602, 33.0317, 38.9268**.

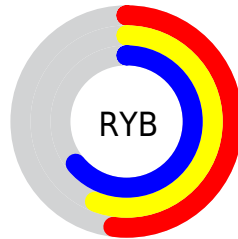
Distribution



Red (52%)

Green (59%)

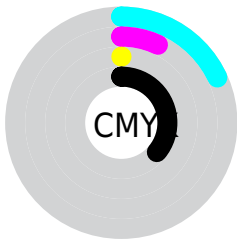
Blue (64%)



Red (52%)

Yellow (56%)

Blue (64%)

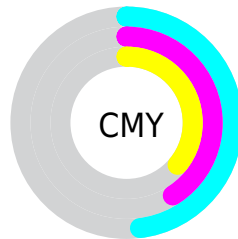


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1008, 29.4079, 38.4303 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 27.1008, 29.4079, 38.4303 by changing the saturation by 10% instead.

■ 27.1008, 29.4079,
38.4303

■ 27.1008, 29.4079,
38.4303

280.3035,
299.1347, 354.8156

■ 17.7859, 19.3896,
26.0124

■ 54.4643, 58.7245,
73.9779

■ 10.8952, 11.9521,
16.6071

■ 73.2437, 78.7917,
97.9447

■ 6.0631, 6.7111,
9.7958

■ 95.9086, 102.9772,
126.5983

■ 2.9245, 3.2821,
5.1599

122.8243,
131.6655, 160.3571

■ 1.1140, 1.2807,
2.2810

154.3564,
165.2411, 199.6396

■ 0.0368, 0.1262,
0.7206

190.8700,

■ 0.0000, 0.0000,

204.0882, 244.8646

0.0000

232.7306,
248.5912, 296.4504

■ 27.1008, 29.4079,
38.4303

■ 27.1008, 29.4079,
38.4303

■ 23.6989, 26.1123,
37.9740

■ 30.9602, 33.0317,
38.9268

■ 20.7327, 23.1299,
37.5546

■ 35.2922, 36.9906,
39.4627

■ 18.1827, 20.4498,
37.1717

■ 40.1146, 41.2961,
40.0395

■ 16.0267, 18.0590,
36.8239

■ 45.4433, 45.9578,
40.6585

■ 14.2402, 15.9433,
36.5097

■ 51.2937, 50.9849,
41.3204

■ 12.7956, 14.0867,
36.2275

■ 57.6802, 56.3862,
42.0264

■ 11.6610, 12.4711,
35.9754

■ 64.6169, 62.1702,
42.7772

■ 10.7823, 11.0668,
35.7507

■ 69.2647, 66.8748,
43.4403

■ 10.6119, 10.7891,
35.7061

■ 70.8883, 70.1220,
43.9815

Harmonies

Analogous

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



26.1936, 29.4079, 36.1747



27.1008, 29.4079, 38.4303



28.2600, 29.4079, 38.9104

Triad

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



27.1008, 29.4079, 38.4303



30.2637, 29.4079, 31.1473



26.5822, 29.4079, 27.1472

Complementary

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



27.1008, 29.4079, 38.4303



29.2595, 29.6255, 26.3670

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.



27.6449, 29.4079, 25.9955



27.1008, 29.4079, 38.4303



29.7860, 29.4079, 28.1966

Square

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



27.1008, 29.4079, 38.4303



30.1081, 29.4079, 34.5448



28.8195, 29.4079, 26.3657



25.9001, 29.4079, 29.6217

Rectangle

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



27.1008, 29.4079, 38.4303



29.0238, 29.4079, 38.1298



28.8195, 29.4079, 26.3657



26.9056, 29.4079, 26.6008

Sweetspot

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



27.1017, 29.4091, 38.4310



58.3238, 61.9202, 70.9339



27.6738, 32.8597, 31.5112



12.9844, 13.8013, 15.9171



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.



27.1017, 29.4091, 38.4310



46.9468, 51.2292, 69.4700



24.9851, 25.1759, 37.7254



7.0293, 7.5175, 8.9836



8.4034, 8.5862, 28.1442



0.2216, 0.2704, 0.6064

Inverse Universe

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



28.7935, 26.6591, 32.4837



50.5615, 45.5191, 56.7264



31.5497, 34.2060, 27.1305



7.2397, 7.1523, 8.2489



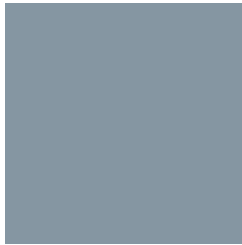
13.3871, 6.7109, 9.2291



0.3040, 0.1501, 0.3136

Previews

White Background



This preview shows how the XYZ color 27.1008, 29.4079, 38.4303 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 27.1008, 29.4079, 38.4303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

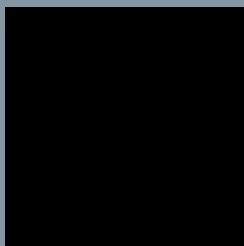
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

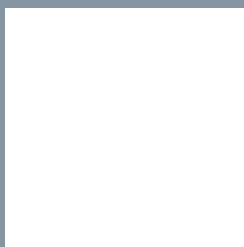
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1008, 29.4079, 38.4303

Background



This preview shows how black text looks on a background with the XYZ color 27.1008, 29.4079, 38.4303.

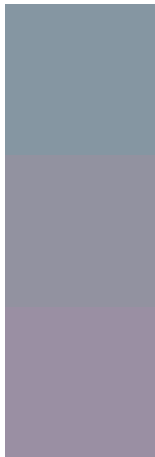


This preview shows how white text looks on a background with the XYZ color 27.1008, 29.4079,

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

27.1008, 29.4079, 38.4303

Protanopia

28.4781, 29.2068, 37.3942

Deuteranopia

29.7597, 29.1593, 38.7101



Tritanopia

27.1008, 29.4079, 38.4303

Trichromacy



Original Color

27.1008, 29.4079, 38.4303

Protanomaly

27.8512, 29.1034, 37.8678

Deuteranomaly

28.7438, 29.3131, 38.7934

Tritanomaly

27.1008, 29.4079, 38.4303

Monochromacy



Original Color

27.1008, 29.4079, 38.4303

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.0857, 28.7972, 33.8366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1008, 29.4079, 38.4303 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(133, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(133, 150, 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(133, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 150, 162) }
```

Border

The CSS property to change the border of an element to XYZ 27.1008, 29.4079, 38.4303 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(133, 150, 162) }
```


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

```
.border{ border-color:rgb(133, 150, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 150, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 150, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 150, 162);  
box-shadow:4px 4px 4px 4px rgb(133, 150,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1008, 29.4079, 38.4303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 150, 162) }
```

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

```
.background{ background-color: rgb(133,  
150, 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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