

Converting Colors

XYZ(27.0409, 27.3055, 38.9672)

Have a look what the booklet for
XYZ(27.0409, 27.3055, 38.9672)
contains.

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Color

**XYZ(27.0409, 27.3055,
38.9672)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8DA4
RGB	140, 141, 164
RGB Percent	55%, 55%, 64%
CMY	0.4510, 0.4470, 0.3569
CMYK	0.15, 0.14, 0.00, 0.36
HSL	237°, 12%, 60%
HSV	237°, 15%, 64%
XYZ	27.0409, 27.3055, 38.9672
YIQ	143.3230, -7.9790, 6.9410

Conversions

Conversions Part 2

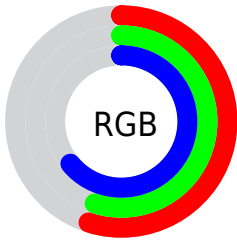
Format	Color
R _Y B	140, 141, 164
Decimal	9211300
CIE Lab	59.26, 4.47, -12.24
CIE LCh	59, 13.035, 290.057
Yxy	27.3055, 0.2898, 0.2926
Android (android.graphics.Color)	4287401380 (0xFF8C8DA4)
YUV	143.3230, 10.1938, -2.9143
Hunter-Lab	52.2547, 0.9250, -7.6353

Details

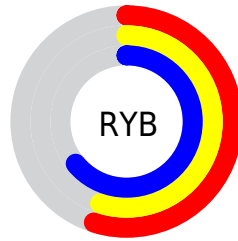
The XYZ color **27.0409, 27.3055, 38.9672** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **33.1408, 35.9802, 30.0097**, and the grayscale version is **26.2009, 27.5654, 30.0187**.

A 20% lighter version of the original color is **54.5494, 55.6140, 74.8773**, and **10.8822, 10.8257, 16.8452** is the 20% darker color. If you saturate the color by 10%, you get **22.3257, 21.6760, 38.1295**, and if you desaturate by 10%, it is **32.4985, 33.8073, 39.9350**.

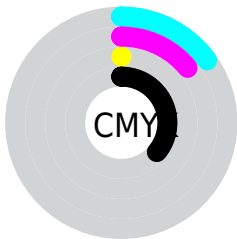
Distribution



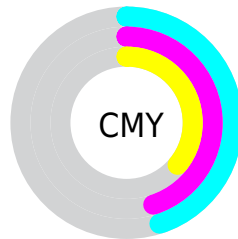
- Red (55%)
- Green (55%)
- Blue (64%)



- Red (55%)
- Yellow (55%)
- Blue (64%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (36%)



- Cyan (45%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0409, 27.3055, 38.9672 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 27.0409, 27.3055, 38.9672 by changing the saturation by 10% instead.

■ 27.0409, 27.3055,
38.9672

■ 27.0409, 27.3055,
38.9672

280.0190,
289.1333, 357.1728

■ 17.7407, 17.8028,
26.4266

■ 54.3689, 55.3737,
74.8080

■ 10.8625, 10.8085,
16.9144

■ 73.1274, 74.7080,
98.9453

■ 6.0411, 5.9382,
10.0122

■ 95.7694, 98.0883,
127.7851

■ 2.9110, 2.8075,
5.3013

122.6603,
125.8989, 161.7462

■ 1.1069, 1.0321,
2.3633

154.1653,
158.5244, 201.2469

■ 0.0308, 0.0000,
0.7664

190.6498,

■ 0.0000, 0.0000,

196.3490, 246.7059

0.0000

232.4793,
239.7571, 298.5417

■ 27.0409, 27.3055,
38.9672

■ 27.0409, 27.3055,
38.9672

■ 22.3257, 21.6760,
38.1295

■ 32.4985, 33.8073,
39.9350

■ 18.3184, 16.8784,
37.4147

■ 38.7260, 41.2127,
41.0361

■ 14.9857, 12.8743,
36.8175

■ 45.7525, 49.5555,
42.2761

■ 12.2903, 9.6210,
36.3316

■ 53.6050, 58.8671,
43.6596

■ 10.1917, 7.0716,
35.9501

■ 62.3091, 69.1771,
45.1908

■ 8.6445, 5.1741,
35.6654

■ 71.8893, 80.5139,
46.8741

■ 7.5966, 3.8693,
35.4688

■ 82.3692, 92.9049,
48.7135

■ 6.9859, 3.0867,
35.3500

■ 83.7009, 95.4604,
49.1365

■ 6.7752, 2.8290,
35.3113

Harmonies

Analogous

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



25.4166, 27.3055, 39.4589



27.0409, 27.3055, 38.9672



28.4264, 27.3055, 35.8628

Triad

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



27.0409, 27.3055, 38.9672



28.0140, 27.3055, 23.3769



22.9917, 27.3055, 28.2105

Complementary

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



27.0409, 27.3055, 38.9672



33.1408, 35.9802, 30.0097

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.



23.6275, 27.3055, 24.3413



27.0409, 27.3055, 38.9672



26.4970, 27.3055, 21.7498

Square

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



27.0409, 27.3055, 38.9672



29.0043, 27.3055, 26.7628



24.8948, 27.3055, 22.0834



23.1237, 27.3055, 32.9111

Rectangle

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



27.0409, 27.3055, 38.9672



29.0066, 27.3055, 32.8932



24.8948, 27.3055, 22.0834



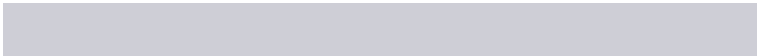
23.1217, 27.3055, 26.7783

Sweetspot

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



27.0417, 27.3066, 38.9678



59.5835, 62.0721, 72.5931



30.6841, 34.7640, 39.6498



12.8580, 13.3701, 15.8405



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.



27.0417, 27.3066, 38.9678



45.7595, 45.5983, 70.1419



28.8048, 27.9973, 39.0082



6.7231, 6.9051, 8.8816



5.2037, 2.1868, 27.0776



0.1160, 0.0594, 0.5712

Inverse Universe

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



29.4963, 28.5724, 29.1609



51.2067, 48.4219, 48.3749



31.1842, 35.2366, 29.9693



7.0852, 7.0905, 7.4351



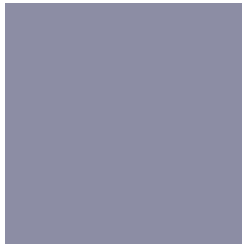
11.7721, 6.0649, 0.7244



0.2507, 0.1288, 0.0330

Previews

White Background



This preview shows how the XYZ color 27.0409, 27.3055, 38.9672 looks on a white background.

Color Contrast Check

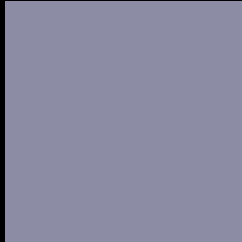
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0409, 27.3055, 38.9672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

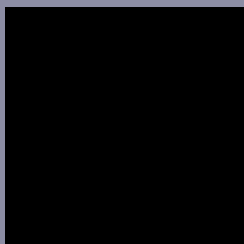
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0409, 27.3055, 38.9672

Background



This preview shows how black text looks on a background with the XYZ color 27.0409, 27.3055, 38.9672.



This preview shows how white text looks on a background with the XYZ color 27.0409, 27.3055,

38.9672.

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

27.0409, 27.3055, 38.9672

Protanopia

26.8732, 27.2191, 38.9594

Deuteranopia

27.7875, 27.2566, 38.9184



Tritanopia

26.1364, 27.3813, 34.4794

Trichromacy



Original Color

27.0409, 27.3055, 38.9672

Protanomaly

26.8732, 27.2191, 38.9594

Deuteranomaly

27.5805, 27.3658, 38.9504

Tritanomaly

26.4920, 27.3036, 36.2216

Monochromacy



Original Color

27.0409, 27.3055, 38.9672

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4142, 27.3312, 33.1614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0409, 27.3055, 38.9672 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(140, 141, 164)` looks like.

```
.text, #text, p{  
    color:rgb(140, 141, 164)  
}
```

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(140, 141, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 141, 164) }
```

Border

The CSS property to change the border of an element to XYZ 27.0409, 27.3055, 38.9672 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(140, 141, 164) }
```


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

```
.border{ border-color:rgb(140, 141, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 141, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 141, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 141, 164);  
box-shadow:4px 4px 4px 4px rgb(140, 141,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0409, 27.3055, 38.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 141, 164) }
```

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

```
.background{ background-color: rgb(140,  
141, 164) }
```

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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