

Converting Colors

XYZ(27.0177, 24.1958, 39.8166)

Have a look what the booklet for
XYZ(27.0177, 24.1958, 39.8166)
contains.

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Color

**XYZ(27.0136, 24.1958,
39.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	967EA7
RGB	150, 126, 167
RGB Percent	59%, 49%, 65%
CMY	0.4118, 0.5059, 0.3451
CMYK	0.10, 0.25, 0.00, 0.35
HSL	275°, 19%, 57%
HSV	275°, 25%, 65%
XYZ	27.0136, 24.1958, 39.8057
YIQ	137.8500, 1.1430, 17.8390

Conversions

Conversions Part 2

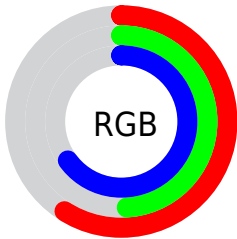
Format	Color
R_{YB}	150, 126, 167
Decimal	9862823
CIE _{Lab}	56.28, 17.17, -18.38
CIE _{LCh}	56, 25.155, 313.054
Yxy	24.1958, 0.2968, 0.2658
Android (android.graphics.Color)	4288052903 (0xFF967EA7)
YUV	137.8500, 14.3710, 10.6556
Hunter-Lab	49.1892, 11.9470, -13.5472

Details

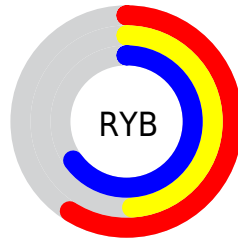
The XYZ color **27.0136, 24.1958, 39.8057** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.9132, 34.9841, 24.9686**, and the grayscale version is **24.0477, 25.3000, 27.5517**.

A 20% lighter version of the original color is **54.2068, 50.3515, 75.9690**, and **10.8940, 9.1982, 17.4209** is the 20% darker color. If you saturate the color by 10%, you get **23.8172, 19.6387, 39.0949**, and if you desaturate by 10%, it is **30.6433, 29.5067, 40.6399**.

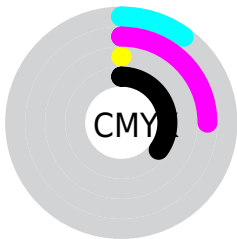
Distribution



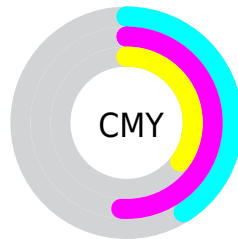
- Red (59%)
- Green (49%)
- Blue (65%)



- Red (59%)
- Yellow (49%)
- Blue (65%)



- Cyan (10%)
- Magenta (25%)
- Yellow (0%)
- Black (35%)



- Cyan (41%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0136, 24.1958, 39.8057 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 27.0136, 24.1958, 39.8057 by changing the saturation by 10% instead.

■ 27.0136, 24.1958,
39.8057

■ 27.0136, 24.1958,
39.8057

279.8893,
273.8089, 360.8317

■ 17.7201, 15.4789,
27.0745

■ 54.3254, 50.3495,
76.1014

■ 10.8477, 9.1562,
17.3962

■ 73.0744, 68.5552,
100.5029

■ 6.0310, 4.8432,
10.3524

■ 95.7060, 90.6925,
129.6316

■ 2.9048, 2.1556,
5.5246

122.5854,
117.1460, 163.9060

■ 1.1036, 0.6956,
2.4942

154.0781,
148.3000, 203.7447

■ 0.0281, 0.0000,
0.8371

190.5494,

■ 0.0000, 0.0000,

184.5389, 249.5662

0.0000

232.3647,
226.2470, 301.7890

■ 27.0136, 24.1958,
39.8057

■ 27.0136, 24.1958,
39.8057

■ 23.8172, 19.6387,
39.0949

■ 30.6433, 29.5067,
40.6399

■ 21.0328, 15.7963,
38.5000

■ 34.7218, 35.6020,
41.6014

■ 18.6408, 12.6306,
38.0151

■ 39.2665, 42.5141,
42.6961

■ 16.6186, 10.0986,
37.6329

■ 44.2931, 50.2728,
43.9287

■ 14.9411, 8.1524,
37.3457

■ 49.8165, 58.9063,
45.3040

■ 13.5798, 6.7368,
37.1442

■ 55.8512, 68.4415,
46.8264

■ 12.5002, 5.7850,
37.0174

■ 62.4108, 78.9041,
48.5002

■ 11.9857, 5.3731,
36.9650

■ 68.0220, 87.3459,
49.8339

■ 69.9797, 88.3552,
49.9255

Harmonies

Analogous

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



24.2786, 24.1958, 45.1416



27.0136, 24.1958, 39.8057



28.7479, 24.1958, 31.2737

Triad

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



27.0136, 24.1958, 39.8057



24.6594, 24.1958, 13.8418



17.9867, 24.1958, 30.1152

Complementary

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



27.0136, 24.1958, 39.8057



28.9132, 34.9841, 24.9686

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.



18.0699, 24.1958, 21.9636



27.0136, 24.1958, 39.8057



21.7620, 24.1958, 13.6600

Square

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



27.0136, 24.1958, 39.8057



27.3125, 24.1958, 16.8861



19.4004, 24.1958, 16.3230



19.1626, 24.1958, 38.8056

Rectangle

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



27.0136, 24.1958, 39.8057



29.0202, 24.1958, 25.5042



19.4004, 24.1958, 16.3230



17.8714, 24.1958, 27.2043

Sweetspot

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



27.0144, 24.1968, 39.8062



60.2226, 60.8089, 74.0385



25.4152, 26.8966, 40.4116



13.3827, 13.4668, 16.5461



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.



27.0144, 24.1968, 39.8062



45.4368, 39.1082, 70.6291



30.0612, 25.8035, 38.3216



7.5367, 7.5093, 9.4705



9.2282, 4.1407, 28.2884



0.2807, 0.1297, 0.6909

Inverse Universe

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



28.3560, 25.1214, 29.3421



48.3126, 41.0827, 48.5400



26.4140, 33.6698, 26.0223



7.6553, 7.5920, 8.5019



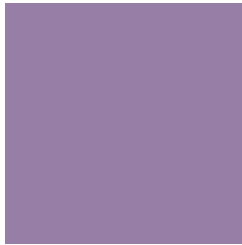
13.0458, 6.6270, 5.0526



0.3430, 0.1715, 0.2579

Previews

White Background



This preview shows how the XYZ color 27.0136, 24.1958, 39.8057 looks on a white background.

Color Contrast Check

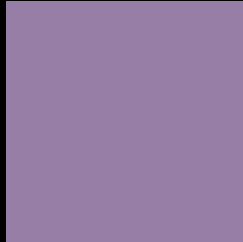
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0136, 24.1958, 39.8057 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 27.0136, 24.1958, 39.8057

Background



This preview shows how black text looks on a background with the XYZ color 27.0136, 24.1958, 39.8057.



This preview shows how white text looks on a background with the XYZ color 27.0136, 24.1958,

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

27.0136, 24.1958, 39.8057

Protanopia

24.4289, 24.3887, 42.4497

Deuteranopia

24.8071, 24.2422, 39.4481



Tritanopia

24.7781, 24.2667, 28.5773

Trichromacy



Original Color

27.0136, 24.1958, 39.8057

Protanomaly

25.2035, 24.2032, 41.3735

Deuteranomaly

25.5130, 24.2074, 39.4042

Tritanomaly

25.3879, 24.1056, 32.1689

Monochromacy



Original Color

27.0136, 24.1958, 39.8057

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1052, 24.9709, 31.9304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0136, 24.1958, 39.8057 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(150, 126, 167)` looks like.

```
.text, #text, p{  
    color:rgb(150, 126, 167)  
}
```

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(150, 126, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 126, 167) }
```

Border

The CSS property to change the border of an element to XYZ 27.0136, 24.1958, 39.8057 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(150, 126, 167) }
```


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

```
.border{ border-color:rgb(150, 126, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 126, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 126, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 126, 167);  
box-shadow:4px 4px 4px 4px rgb(150, 126,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0136, 24.1958, 39.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 126, 167) }
```

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

```
.background{ background-color: rgb(150,  
126, 167) }
```

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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