

Converting Colors

XYZ(27.7355, 27.6426, 39.9501)

Have a look what the booklet for
XYZ(27.7355, 27.6426, 39.9501)
contains.

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Color

**XYZ(27.7355, 27.6426,
39.9501)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8DA6
RGB	143, 141, 166
RGB Percent	56%, 55%, 65%
CMY	0.4392, 0.4470, 0.3490
CMYK	0.14, 0.15, 0.00, 0.35
HSL	245°, 12%, 60%
HSV	245°, 15%, 65%
XYZ	27.7355, 27.6426, 39.9501
YIQ	144.4480, -6.8330, 8.1990

Conversions

Conversions Part 2

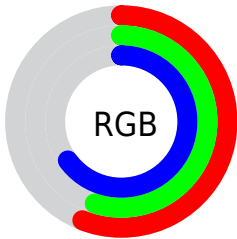
Format	Color
R_{YB}	143, 141, 166
Decimal	9407910
CIE Lab	59.56, 5.93, -12.90
CIE LCh	60, 14.196, 294.704
Yxy	27.6426, 0.2909, 0.2900
Android (android.graphics.Color)	4287597990 (0xFF8F8DA6)
YUV	144.4480, 10.6251, -1.2699
Hunter-Lab	52.5762, 2.1556, -8.2482

Details

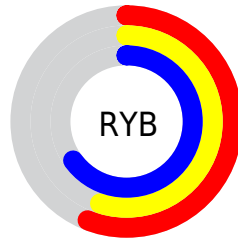
The XYZ color **27.7355, 27.6426, 39.9501** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **33.7548, 37.0888, 30.5804**, and the grayscale version is **26.6511, 28.0390, 30.5345**.

A 20% lighter version of the original color is **55.5922, 56.1210, 76.3090**, and **11.1920, 10.9724, 17.4476** is the 20% darker color. If you saturate the color by 10%, you get **23.0026, 21.8380, 39.0796**, and if you desaturate by 10%, it is **33.1970, 34.3689, 40.9610**.

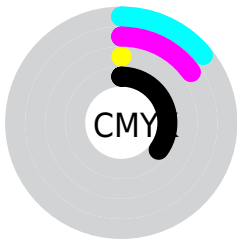
Distribution



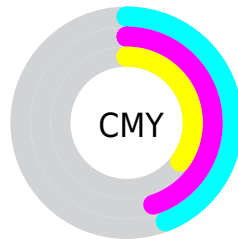
- Red (56%)
- Green (55%)
- Blue (65%)



- Red (56%)
- Yellow (55%)
- Blue (65%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7355, 27.6426, 39.9501 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 27.7355, 27.6426, 39.9501 by changing the saturation by 10% instead.

■ 27.7355, 27.6426,
39.9501

■ 27.7355, 27.6426,
39.9501

283.3039,
290.7552, 361.4590

■ 18.2658, 18.0564,
27.1861

■ 55.4735, 55.9133,
76.3238

■ 11.2418, 10.9905,
17.4794

■ 74.4725, 75.3667,
100.7706

■ 6.2982, 6.0605,
10.4113

■ 97.3786, 98.8778,
129.9488

■ 3.0696, 2.8819,
5.5634

124.5573,
126.8313, 164.2768

■ 1.1907, 1.0704,
2.5170

156.3737,
159.6113, 204.1734

■ 0.0990, 0.0000,
0.8491

193.1935,

■ 0.0000, 0.0000,

197.6024, 250.0569

0.0000

235.3817,
241.1889, 302.3459

■ 27.7355, 27.6426,
39.9501

■ 27.7355, 27.6426,
39.9501

■ 23.0026, 21.8380,
39.0796

■ 33.1970, 34.3689,
40.9610

■ 18.9650, 16.9115,
38.3415

■ 39.4135, 42.0509,
42.1161

■ 15.5906, 12.8215,
37.7299

■ 46.4130, 50.7252,
43.4215

■ 12.8440, 9.5214,
37.2377

■ 54.2216, 60.4255,
44.8823

■ 10.6860, 6.9601,
36.8570

■ 62.8639, 71.1838,
46.5034

■ 9.0735, 5.0803,
36.5792

■ 72.3638, 83.0307,
48.2894

■ 7.9571, 3.8167,
36.3941

■ 82.0367, 94.5814,
50.0090

■ 7.2774, 3.0887,
36.2894

■ 83.8830, 95.5332,
50.0954

■ 7.0530, 2.8408,
36.2534

Harmonies

Analogous

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



25.9577, 27.6426, 40.9959



27.7355, 27.6426, 39.9501



29.1782, 27.6426, 36.1482

Triad

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



27.7355, 27.6426, 39.9501



28.3088, 27.6426, 22.7611



22.9991, 27.6426, 29.1991

Complementary

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



27.7355, 27.6426, 39.9501



33.7548, 37.0888, 30.5804

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.



23.5682, 27.6426, 24.7638



27.7355, 27.6426, 39.9501



26.5918, 27.6426, 21.3260

Square

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



27.7355, 27.6426, 39.9501



29.5196, 27.6426, 26.1707



24.8637, 27.6426, 22.0156



23.2745, 27.6426, 34.4000

Rectangle

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



27.7355, 27.6426, 39.9501



29.7283, 27.6426, 32.7688



24.8637, 27.6426, 22.0156



23.0972, 27.6426, 27.5765

Sweetspot

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



27.7363, 27.6438, 39.9507



60.2125, 62.3308, 74.3328



31.2035, 35.0870, 41.2047



13.3150, 13.7518, 16.6047



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.



27.7363, 27.6438, 39.9507



47.3813, 46.5382, 71.9608



29.9584, 28.7892, 40.0547



7.1853, 7.3281, 9.4541



5.4865, 2.2118, 28.1132



0.1503, 0.0625, 0.6848

Inverse Universe

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



31.9526, 29.8383, 39.1986



56.4993, 51.2851, 70.2931



31.3625, 35.8555, 30.4685



7.8157, 7.6561, 9.3464



16.6442, 8.0664, 24.0016



0.4123, 0.1992, 0.6225

Previews

White Background



This preview shows how the XYZ color 27.7355, 27.6426, 39.9501 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 27.7355, 27.6426, 39.9501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

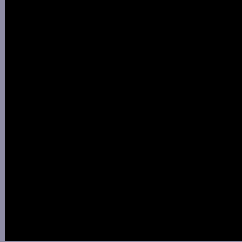
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7355, 27.6426, 39.9501

Background



This preview shows how black text looks on a background with the XYZ color 27.7355, 27.6426, 39.9501.



This preview shows how white text looks on a background with the XYZ color 27.7355, 27.6426,

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

27.7355, 27.6426, 39.9501

Protanopia

27.2955, 27.6250, 40.4527

Deuteranopia

28.1151, 27.6203, 39.9258



Tritanopia

26.6397, 27.6407, 34.5030

Trichromacy



Original Color

27.7355, 27.6426, 39.9501

Protanomaly

27.4633, 27.7115, 40.4606

Deuteranomaly

27.9381, 27.5291, 39.9175

Tritanomaly

26.9999, 27.5654, 36.2454

Monochromacy



Original Color

27.7355, 27.6426, 39.9501

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9916, 27.8412, 33.6570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7355, 27.6426, 39.9501 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(143, 141, 166)` looks like.

```
.text, #text, p{  
    color:rgb(143, 141, 166)  
}
```

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(143, 141, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 141, 166) }
```

Border

The CSS property to change the border of an element to XYZ 27.7355, 27.6426, 39.9501 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(143, 141, 166) }
```


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

```
.border{ border-color:rgb(143, 141, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 141, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 141, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 141, 166);  
box-shadow:4px 4px 4px 4px rgb(143, 141,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7355, 27.6426, 39.9501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 141, 166) }
```

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

```
.background{ background-color: rgb(143,  
141, 166) }
```

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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