

Converting Colors

XYZ(27.7562, 28.0429, 41.1315)

Have a look what the booklet for
XYZ(27.7562, 28.0429, 41.1315)
contains.

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Color

**XYZ(27.7056, 28.0475,
40.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8FA8
RGB	140, 143, 168
RGB Percent	55%, 56%, 66%
CMY	0.4510, 0.4392, 0.3412
CMYK	0.17, 0.15, 0.00, 0.34
HSL	234°, 14%, 60%
HSV	234°, 17%, 66%
XYZ	27.7056, 28.0475, 40.9993
YIQ	144.9530, -9.8130, 7.1390

Conversions

Conversions Part 2

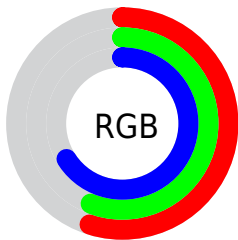
Format	Color
R_{YB}	140, 143, 168
Decimal	9211816
CIE _{Lab}	59.93, 4.23, -13.51
CIE _{LCh}	60, 14.153, 287.394
Yxy	28.0475, 0.2864, 0.2899
Android (android.graphics.Color)	4287401896 (0xFF8C8FA8)
YUV	144.9530, 11.3622, -4.3438
Hunter-Lab	52.9599, 0.7012, -8.8279

Details

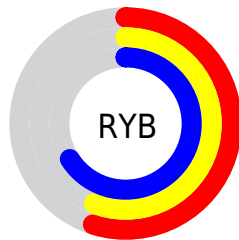
The XYZ color **27.7056, 28.0475, 40.9993** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **34.3376, 37.1287, 30.1685**, and the grayscale version is **26.8534, 28.2519, 30.7663**.

A 20% lighter version of the original color is **55.5337, 56.7296, 77.8350**, and **11.2832, 11.2633, 18.1023** is the 20% darker color. If you saturate the color by 10%, you get **22.9849, 22.4923, 40.1763**, and if you desaturate by 10%, it is **33.1613, 34.4300, 41.9441**.

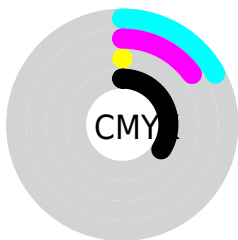
Distribution



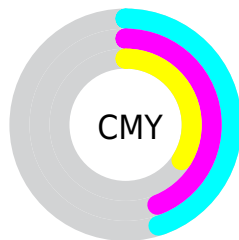
- Red (55%)
- Green (56%)
- Blue (66%)



- Red (55%)
- Yellow (56%)
- Blue (66%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (45%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7056, 28.0475, 40.9993 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 27.7056, 28.0475, 40.9993 by changing the saturation by 10% instead.

■ 27.7056, 28.0475,
40.9993

■ 27.7056, 28.0475,
40.9993

283.1631,
292.6938, 365.9942

■ 18.2432, 18.3615,
27.9988

■ 55.4260, 56.5603,
77.9365

■ 11.2255, 11.2098,
18.0858

■ 74.4147, 76.1558,
102.7103

■ 6.2871, 6.2081,
10.8415

■ 97.3095, 99.8233,
132.2456

■ 3.0627, 2.9721,
5.8475

124.4759,
127.9471, 166.9611

■ 1.1870, 1.1172,
2.6853

156.2790,
160.9117, 207.2751

■ 0.0961, 0.0000,
0.9360

193.0844,

■ 0.0000, 0.0000,

199.1014, 253.6063

0.0000

235.2573,
242.9006, 306.3731

■ 27.7056, 28.0475,
40.9993

■ 27.7056, 28.0475,
40.9993

■ 22.9849, 22.4923,
40.1763

■ 33.1613, 34.4300,
41.9441

■ 18.9653, 17.7272,
39.4684

■ 39.3790, 41.6681,
43.0135

■ 15.6139, 13.7172,
38.8710

■ 46.3873, 49.7932,
44.2125

■ 12.8943, 10.4233,
38.3786

■ 54.2128, 58.8340,
45.5451

■ 10.7664, 7.8030,
37.9850

■ 62.8807, 68.8178,
47.0153

■ 9.1857, 5.8093,
37.6834

■ 72.4151, 79.7708,
48.6269

■ 8.1011, 4.3890,
37.4665

■ 81.8751, 91.2213,
50.3385

■ 7.4446, 3.4764,
37.3249

■ 84.0680, 95.6072,
51.0695

■ 7.2844, 3.2600,
37.2916

Harmonies

Analogous

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



25.9106, 28.0475, 41.2605



27.7056, 28.0475, 40.9993



29.2857, 28.0475, 37.7466

Triad

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



27.7056, 28.0475, 40.9993



29.0687, 28.0475, 23.8136



23.4237, 28.0475, 28.4279

Complementary

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



27.7056, 28.0475, 40.9993



34.3376, 37.1287, 30.1685

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.



24.1930, 28.0475, 24.3127



27.7056, 28.0475, 40.9993



27.4202, 28.0475, 21.8570

Square

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



27.7056, 28.0475, 40.9993



30.0966, 28.0475, 27.6727



25.6377, 28.0475, 22.0288



23.4924, 28.0475, 33.5966

Rectangle

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



27.7056, 28.0475, 40.9993



29.9802, 28.0475, 34.5066



25.6377, 28.0475, 22.0288



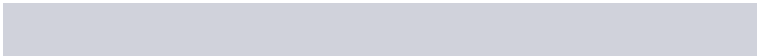
23.5914, 28.0475, 26.8877

Sweetspot

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



27.7065, 28.0487, 40.9999



61.8583, 64.4405, 76.4031



31.5858, 36.2882, 40.8103



13.3249, 13.8616, 16.6254



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.



27.7065, 28.0487, 40.9999



46.9536, 46.9947, 73.8213



29.1597, 28.1379, 40.9406



7.1941, 7.4252, 9.4724



5.5205, 2.5012, 28.1673



0.1536, 0.0994, 0.6917

Inverse Universe

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



30.4852, 29.0650, 29.9912



52.9721, 49.2392, 49.9676



32.6936, 37.0942, 30.2485



7.5626, 7.5549, 8.0138



12.2871, 6.3235, 1.0574



0.3087, 0.1577, 0.0770

Previews

White Background



This preview shows how the XYZ color 27.7056, 28.0475, 40.9993 looks on a white background.

Color Contrast Check

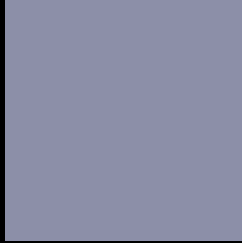
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7056, 28.0475, 40.9993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

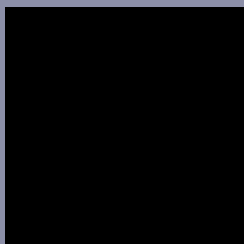
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7056, 28.0475, 40.9993

Background



This preview shows how black text looks on a background with the XYZ color 27.7056, 28.0475, 40.9993.



This preview shows how white text looks on a background with the XYZ color 27.7056, 28.0475,

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

27.7056, 28.0475, 40.9993

Protanopia

27.7056, 28.0475, 40.9993

Deuteranopia

28.6254, 28.0800, 40.9570



Tritanopia

26.6074, 28.0544, 35.4652

Trichromacy



Original Color

27.7056, 28.0475, 40.9993

Protanomaly

27.7056, 28.0475, 40.9993

Deuteranomaly

28.2425, 28.1024, 40.9816

Tritanomaly

26.9659, 27.9736, 37.2359

Monochromacy



Original Color

27.7056, 28.0475, 40.9993

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.0507, 28.0861, 34.1324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7056, 28.0475, 40.9993 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, 143, 168)` looks like.

```
.text, #text, p{  
    color:rgb(140, 143, 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(140, 143, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 143, 168) }
```

Border

The CSS property to change the border of an element to XYZ 27.7056, 28.0475, 40.9993 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, 143, 168) }
```


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

```
.border{ border-color:rgb(140, 143, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 143, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 143, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 143, 168);  
box-shadow:4px 4px 4px 4px rgb(140, 143,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7056, 28.0475, 40.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 143, 168) }
```

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

```
.background{ background-color: rgb(140,  
143, 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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