

Converting Colors

XYZ(27.2945, 24.3805, 41.7205)

Have a look what the booklet for
XYZ(27.2945, 24.3805, 41.7205)
contains.

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Color

**XYZ(27.2060, 24.2515,
41.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	957EAB
RGB	149, 126, 171
RGB Percent	58%, 49%, 67%
CMY	0.4157, 0.5059, 0.3294
CMYK	0.13, 0.26, 0.00, 0.33
HSL	271°, 21%, 58%
HSV	271°, 26%, 67%
XYZ	27.2060, 24.2515, 41.7752
YIQ	138.0070, -0.7370, 18.8710

Conversions

Conversions Part 2

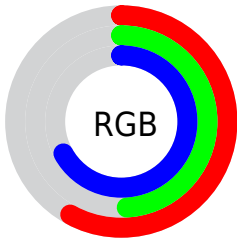
Format	Color
R_{YB}	149, 126, 171
Decimal	9797291
CIE _{Lab}	56.34, 17.71, -20.61
CIE _{LCh}	56, 27.173, 310.682
Yxy	24.2515, 0.2918, 0.2601
Android (android.graphics.Color)	4287987371 (0xFF957EAB)
YUV	138.0070, 16.2655, 9.6409
Hunter-Lab	49.2458, 12.4327, -15.8236

Details

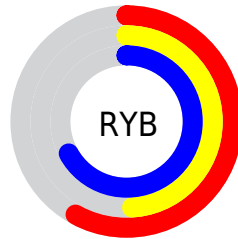
The XYZ color **27.2060, 24.2515, 41.7752** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **30.5422, 36.9286, 25.2579**, and the grayscale version is **24.1009, 25.3560, 27.6127**.

A 20% lighter version of the original color is **54.4762, 50.4277, 78.8138**, and **11.0207, 9.2363, 18.6547** is the 20% darker color. If you saturate the color by 10%, you get **23.7328, 19.4883, 41.0392**, and if you desaturate by 10%, it is **31.1641, 29.8207, 42.6419**.

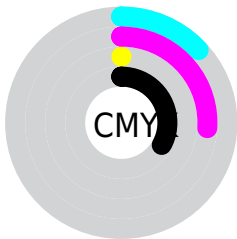
Distribution



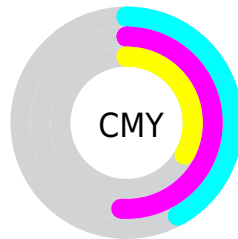
- Red (58%)
- Green (49%)
- Blue (67%)



- Red (58%)
- Yellow (49%)
- Blue (67%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2060, 24.2515, 41.7752 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 27.2060, 24.2515, 41.7752 by changing the saturation by 10% instead.

■ 27.2060, 24.2515,
41.7752

■ 27.2060, 24.2515,
41.7752

280.8025,
274.0895, 369.3223

■ 17.8654, 15.5203,
28.6011

■ 54.6318, 50.4403,
79.1257

■ 10.9525, 9.1853,
18.5363

■ 73.4477, 68.6667,
104.1391

■ 6.1019, 4.8623,
11.1623

■ 96.1528, 90.8269,
133.9361

■ 2.9484, 2.1667,
6.0605

123.1123,
117.3054, 168.9351

■ 1.1265, 0.7017,
2.8125

154.6917,
148.4865, 209.5547

■ 0.0472, 0.0000,
0.9997

191.2563,

■ 0.0000, 0.0000,

184.7546, 256.2134

0.0000

233.1715,
226.4942, 309.3297

■ 27.2060, 24.2515,
41.7752

■ 27.2060, 24.2515,
41.7752

■ 23.7328, 19.4883,
41.0392

■ 31.1641, 29.8207,
42.6419

■ 20.7207, 15.4888,
40.4260

■ 35.6245, 36.2294,
43.6438

■ 18.1476, 12.2115,
39.9291

■ 40.6067, 43.5126,
44.7871

■ 15.9882, 9.6096,
39.5406

■ 46.1284, 51.7026,
46.0769

■ 14.2143, 7.6303,
39.2521

■ 52.2064, 60.8300,
47.5183

12.7935, 6.2130,
39.0534

58.8567, 70.9240,
49.1161

11.6827, 5.2750,
38.9309

66.0946, 82.0123,
50.8749

11.3188, 4.9859,
38.8943

71.3948, 89.0413,
51.9523

73.9263, 90.3463,
52.0707

Harmonies

Analogous

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



24.1855, 24.2515, 47.2555



27.2060, 24.2515, 41.7752



29.2178, 24.2515, 32.5365

Triad

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



27.2060, 24.2515, 41.7752



25.1019, 24.2515, 13.2378



17.6211, 24.2515, 29.7358

Complementary

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



27.2060, 24.2515, 41.7752



30.5422, 36.9286, 25.2579

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.



17.8182, 24.2515, 21.0980



27.2060, 24.2515, 41.7752



21.9512, 24.2515, 12.8179

Square

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



27.2060, 24.2515, 41.7752



27.9289, 24.2515, 16.6775



19.3410, 24.2515, 15.3610



18.7757, 24.2515, 39.3295

Rectangle

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



27.2060, 24.2515, 41.7752



29.6165, 24.2515, 26.2008



19.3410, 24.2515, 15.3610



17.5343, 24.2515, 26.6118

Sweetspot

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



27.2068, 24.2525, 41.7757



62.2727, 62.6722, 77.8167



26.6242, 28.7138, 42.6676



13.6167, 13.5859, 17.2924



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.2068, 24.2525, 41.7757



44.7370, 37.9363, 73.9664



31.6068, 26.5208, 41.9817



7.9545, 7.9509, 10.0681



8.5936, 3.7900, 29.3231



0.3020, 0.1379, 0.8187

Inverse Universe

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



29.6014, 25.7187, 31.4218



49.9388, 41.1202, 51.5172



26.9338, 35.0684, 25.0890



8.1623, 8.0782, 9.1654



13.8817, 7.0152, 7.0223



0.4139, 0.2062, 0.3413

Previews

White Background



This preview shows how the XYZ color 27.2060, 24.2515, 41.7752 looks on a white background.

Color Contrast Check

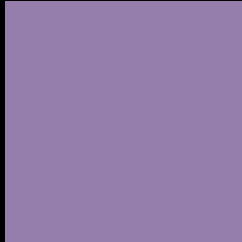
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2060, 24.2515, 41.7752 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 27.2060, 24.2515, 41.7752

Background



This preview shows how black text looks on a background with the XYZ color 27.2060, 24.2515, 41.7752.



This preview shows how white text looks on a background with the XYZ color 27.2060, 24.2515,

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

27.2060, 24.2515, 41.7752

Protanopia

24.7731, 24.5096, 45.0201

Deuteranopia

25.0033, 24.5026, 41.4419



Tritanopia

24.5004, 24.1149, 28.9545

Trichromacy



Original Color

27.2060, 24.2515, 41.7752

Protanomaly

25.5270, 24.3143, 43.9051

Deuteranomaly

25.7196, 24.2708, 41.3594

Tritanomaly

25.4541, 24.1114, 33.4494

Monochromacy



Original Color

27.2060, 24.2515, 41.7752

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1854, 25.0030, 32.3528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2060, 24.2515, 41.7752 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(149, 126, 171)` looks like.

```
.text, #text, p{  
    color:rgb(149, 126, 171)  
}
```

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(149, 126, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 126, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.2060, 24.2515, 41.7752 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(149, 126, 171) }
```


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

```
.border{ border-color:rgb(149, 126, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 126, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 126, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 126, 171);  
box-shadow:4px 4px 4px 4px rgb(149, 126,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2060, 24.2515, 41.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 126, 171) }
```

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

```
.background{ background-color: rgb(149,  
126, 171) }
```

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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