

Converting Colors

XYZ(27.5287, 24.3584, 26.7154)

Have a look what the booklet for
XYZ(27.5287, 24.3584, 26.7154)
contains.

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Color

**XYZ(27.5879, 24.4084,
26.5498)**

Conversions

Conversions Part 1

Format	Color
Hex	A77C88
RGB	167, 124, 136
RGB Percent	65%, 49%, 53%
CMY	0.3451, 0.5137, 0.4667
CMYK	0.00, 0.26, 0.19, 0.35
HSL	343°, 20%, 57%
HSV	343°, 26%, 65%
XYZ	27.5879, 24.4084, 26.5498
YIQ	138.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

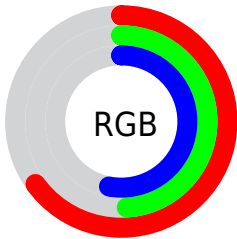
Format	Color
RYB	167, 124, 136
Decimal	10976392
CIELab	56.49, 18.58, 0.04
CIELCh	56, 18.577, 0.130
Yxy	24.4084, 0.3512, 0.3108
Android (android.graphics.Color)	4289166472 (0xFFA77C88)
YUV	138.2250, -1.0969, 25.2357
Hunter-Lab	49.4049, 13.2167, 2.7214

Details

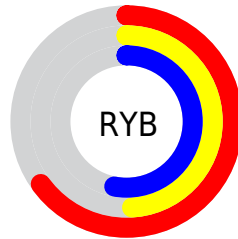
The XYZ color **27.5879, 24.4084, 26.5498** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.0483, 34.2896, 36.1522**, and the grayscale version is **24.2422, 25.5047, 27.7746**.

A 20% lighter version of the original color is **55.3389, 50.8064, 55.0341**, and **11.1352, 9.2814, 10.0087** is the 20% darker color. If you saturate the color by 10%, you get **24.8615, 20.2487, 21.6537**, and if you desaturate by 10%, it is **30.7663, 29.3176, 32.0714**.

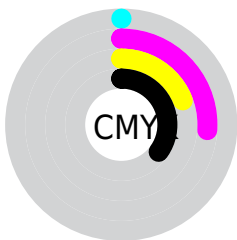
Distribution



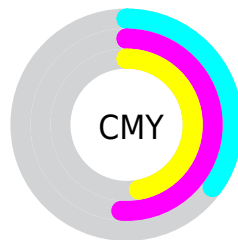
- Red (65%)
- Green (49%)
- Blue (53%)



- Red (65%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (19%)
- Black (35%)





- Cyan (35%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5879, 24.4084, 26.5498 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 27.5879, 24.4084, 26.5498 by changing the saturation by 10% instead.


 27.5879, 24.4084,
26.5498


 27.5879, 24.4084,
26.5498


282.6084,
274.8788, 299.1616


 18.1541, 15.6368,
17.0060


 55.2391, 50.6958,
55.1555

 11.1610, 9.2675,
10.0767


 74.1872, 68.9805,
75.0545

 6.2434, 4.9161,
5.3436


 97.0374, 91.2050,
99.2422

 3.0357, 2.1981,
2.3880

124.1552,
117.7537, 128.1373

 1.1727, 0.7190,
0.7799

155.9058,
149.0111, 162.1582

 0.0846, 0.0000,
0.0000

192.6547,

 0.0000, 0.0000,

185.3614, 201.7235

0.0000

234.7671,
227.1892, 247.2518

■ 27.5879, 24.4084,
26.5498

■ 27.5879, 24.4084,
26.5498

■ 24.8615, 20.2487,
21.6537

■ 30.7663, 29.3176,
32.0714

■ 22.5639, 16.7983,
17.3590

■ 34.4142, 35.0075,
38.2385

■ 20.6732, 14.0181,
13.6422


■ 38.5508, 41.5113,
45.0720


■ 19.1644, 11.8639,
10.4775

■ 43.1934, 48.8594,
52.5912


■ 18.0098, 10.2863,
7.8370


■ 48.3586, 57.0808,
60.8148


 17.1775, 9.2282,
5.6903


 54.0622, 66.2029,
69.7609

 16.6270, 8.6151,
4.0021

 60.3194, 76.2520,
79.4466

 16.4413, 8.4175,
3.4049

 66.3080, 85.5802,
89.6097

 68.0810, 86.2894,
98.9461

Harmonies

Analogous

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



26.9755, 24.4084, 32.9259



27.5879, 24.4084, 26.5498



26.9652, 24.4084, 21.0612

Triad

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



27.5879, 24.4084, 26.5498



21.1839, 24.4084, 17.5888



21.1992, 24.4084, 38.2334

Complementary

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



27.5879, 24.4084, 26.5498



28.0483, 34.2896, 36.1522

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.



19.8017, 24.4084, 32.9795



27.5879, 24.4084, 26.5498



19.7933, 24.4084, 21.1010

Square

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



27.5879, 24.4084, 26.5498



23.1901, 24.4084, 16.4007



19.3030, 24.4084, 26.6034



23.2088, 24.4084, 40.2748

Rectangle

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



27.5879, 24.4084, 26.5498



25.9542, 24.4084, 18.4799



19.3030, 24.4084, 26.6034



20.6468, 24.4084, 36.7481

Sweetspot

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



27.5886, 24.4095, 26.5503



59.9878, 60.1208, 65.7257



27.6659, 24.1570, 39.7639



13.2046, 13.1109, 14.3387



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.



27.5886, 24.4095, 26.5503



46.4732, 39.2237, 42.3166



28.0062, 26.5337, 22.7157



7.6139, 7.5754, 8.2842



12.5996, 6.4485, 2.7029



0.3279, 0.1654, 0.1781

Inverse Universe

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



27.5886, 24.4095, 26.5503



46.4732, 39.2237, 42.3166



27.4610, 31.4216, 41.1769



7.6139, 7.5754, 8.2842



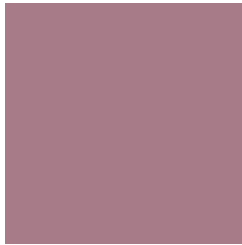
12.5996, 6.4485, 2.7029



0.3279, 0.1654, 0.1781

Previews

White Background



This preview shows how the XYZ color 27.5879, 24.4084, 26.5498 looks on a white background.

Color Contrast Check

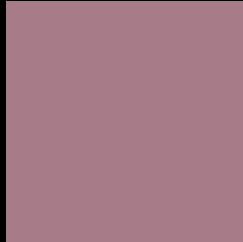
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5879, 24.4084, 26.5498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

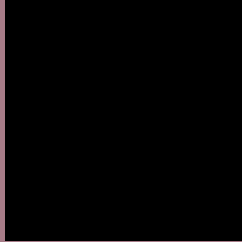
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5879, 24.4084, 26.5498

Background



This preview shows how black text looks on a background with the XYZ color 27.5879, 24.4084, 26.5498.



This preview shows how white text looks on a background with the XYZ color 27.5879, 24.4084,

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

27.5879, 24.4084, 26.5498

Protanopia

23.6998, 24.5152, 29.0740

Deuteranopia

24.8839, 24.3714, 26.3143



Tritanopia

27.4471, 24.3520, 25.8080

Trichromacy



Original Color

27.5879, 24.4084, 26.5498

Protanomaly

24.8825, 24.3291, 28.1955

Deuteranomaly

25.8026, 24.2555, 26.2435

Tritanomaly

27.5172, 24.3801, 26.1772

Monochromacy



Original Color

27.5879, 24.4084, 26.5498

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.2973, 24.9708, 27.1534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5879, 24.4084, 26.5498 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(167, 124, 136)` looks like.

```
.text, #text, p{  
    color:rgb(167, 124, 136)  
}
```

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(167, 124, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 124, 136) }
```

Border

The CSS property to change the border of an element to XYZ 27.5879, 24.4084, 26.5498 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(167, 124, 136) }
```


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

```
.border{ border-color:rgb(167, 124, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 124, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 124, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 124, 136);  
box-shadow:4px 4px 4px 4px rgb(167, 124,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5879, 24.4084, 26.5498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 124, 136) }
```

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

```
.background{ background-color: rgb(167,  
124, 136) }
```

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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