

Converting Colors

XYZ(27.5370, 24.9215, 27.7694)

Have a look what the booklet for
XYZ(27.5370, 24.9215, 27.7694)
contains.

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Color

**XYZ(27.5594, 24.9353,
27.7866)**

Conversions

Conversions Part 1

Format	Color
Hex	A47F8B
RGB	164, 127, 139
RGB Percent	64%, 50%, 55%
CMY	0.3569, 0.5019, 0.4549
CMYK	0.00, 0.23, 0.15, 0.36
HSL	341°, 17%, 57%
HSV	341°, 23%, 64%
XYZ	27.5594, 24.9353, 27.7866
YIQ	139.4310, 18.2000, 11.5760

Conversions

Conversions Part 2

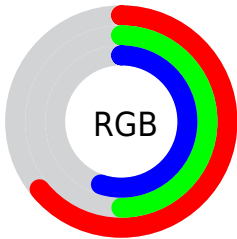
Format	Color
RYB	164, 127, 139
Decimal	10780555
CIELab	57.01, 16.23, -0.98
CIELCh	57, 16.259, 356.559
Yxy	24.9353, 0.3433, 0.3106
Android (android.graphics.Color)	4288970635 (0xFFA47F8B)
YUV	139.4310, -0.2125, 21.5470
Hunter-Lab	49.9353, 11.1279, 1.9626

Details

The XYZ color **27.5594, 24.9353, 27.7866** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6963, 33.3306, 34.6809**, and the grayscale version is **24.7032, 25.9897, 28.3028**.

A 20% lighter version of the original color is **55.0491, 51.5084, 56.9099**, and **11.2097, 9.6148, 10.7162** is the 20% darker color. If you saturate the color by 10%, you get **24.8422, 20.7316, 23.0864**, and if you desaturate by 10%, it is **30.7049, 29.8637, 33.0351**.

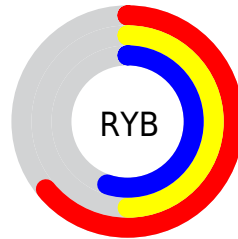
Distribution



Red (64%)

Green (50%)

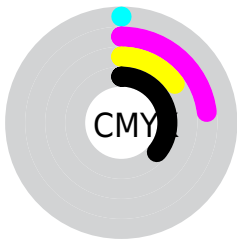
Blue (55%)



Red (64%)

Yellow (50%)

Blue (55%)

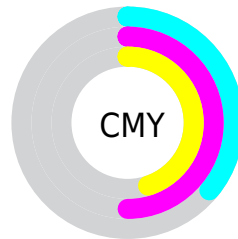


Cyan (0%)

Magenta (23%)

Yellow (15%)

Black (36%)



Cyan (36%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5594, 24.9353, 27.7866 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 27.5594, 24.9353, 27.7866 by changing the saturation by 10% instead.

■ 27.5594, 24.9353,
27.7866

■ 27.5594, 24.9353,
27.7866

282.4739,
277.5156, 305.3256

■ 18.1325, 16.0289,
17.9272

■ 55.1938, 51.5522,
57.1626

■ 11.1455, 9.5446,
10.7288

■ 74.1321, 70.0315,
77.5162

■ 6.2328, 5.0981,
5.7729

■ 96.9715, 92.4706,
102.2050

■ 3.0291, 2.3049,
2.6410

124.0775,
119.2537, 131.6476

■ 1.1692, 0.7763,
0.9135

155.8154,
150.7654, 166.2623

■ 0.0818, 0.0000,
0.0000

192.5505,

■ 0.0000, 0.0000,

187.3900, 206.4679

0.0000

234.6483,
229.5119, 252.6828

■ 27.5594, 24.9353,
27.7866

■ 27.5594, 24.9353,
27.7866

■ 24.8422, 20.7316,
23.0864

■ 30.7049, 29.8637,
33.0351

■ 22.5321, 17.2148,
18.9147

■ 34.2944, 35.5453,
38.8479

■ 20.6092, 14.3490,
15.2524


■ 38.3455, 42.0114,
45.2421


■ 19.0511, 12.0936,
12.0790


■ 42.8740, 49.2903,
52.2336


■ 17.8328, 10.4033,
9.3720


■ 47.8952, 57.4091,
59.8377


 16.9261, 9.2266,
7.1072

 53.4236, 66.3934,
68.0693

 16.2978, 8.5020,
5.2576

 59.4729, 76.2680,
76.9424

 15.9567, 8.1513,
4.1224

 65.0259, 84.9949,
86.1273

 66.6113, 85.6291,
94.4760

Harmonies

Analogous

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



26.8996, 24.9353, 33.3703



27.5594, 24.9353, 27.7866



27.1402, 24.9353, 22.7128

Triad

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



27.5594, 24.9353, 27.7866



22.0954, 24.9353, 18.7854



21.7330, 24.9353, 36.9093

Complementary

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



27.5594, 24.9353, 27.7866



27.6963, 33.3306, 34.6809

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.



20.5640, 24.9353, 32.1311



27.5594, 24.9353, 27.7866



20.7652, 24.9353, 21.7557

Square

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



27.5594, 24.9353, 27.7866



23.9214, 24.9353, 17.9446



20.2193, 24.9353, 26.5238



23.4805, 24.9353, 39.0638

Rectangle

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



27.5594, 24.9353, 27.7866



26.3169, 24.9353, 20.2056



20.2193, 24.9353, 26.5238



21.2631, 24.9353, 35.5278

Sweetspot

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



27.5601, 24.9364, 27.7871



59.1681, 59.6309, 65.5610



27.1777, 24.5035, 38.4195



12.8573, 12.9129, 14.2066



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.5601, 24.9364, 27.7871



47.4896, 41.3261, 46.0931



27.5518, 26.2466, 23.6940



7.1640, 7.1221, 7.8503



12.2546, 6.2579, 3.2655



0.2784, 0.1398, 0.1785

Inverse Universe

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



27.5601, 24.9364, 27.7871



47.4896, 41.3261, 46.0931



27.6525, 31.5900, 39.7623



7.1640, 7.1221, 7.8503



12.2546, 6.2579, 3.2655



0.2784, 0.1398, 0.1785

Previews

White Background



This preview shows how the XYZ color 27.5594, 24.9353, 27.7866 looks on a white background.

Color Contrast Check

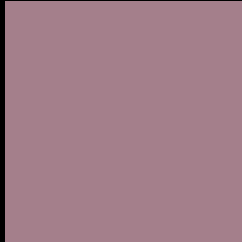
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5594, 24.9353, 27.7866 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 27.5594, 24.9353, 27.7866

Background



This preview shows how black text looks on a background with the XYZ color 27.5594, 24.9353, 27.7866.



This preview shows how white text looks on a background with the XYZ color 27.5594, 24.9353,

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

27.5594, 24.9353, 27.7866

Protanopia

24.1547, 24.9403, 29.9264

Deuteranopia

25.5527, 25.0941, 27.5416



Tritanopia

27.4146, 24.8774, 27.0238

Trichromacy



Original Color

27.5594, 24.9353, 27.7866

Protanomaly

25.3026, 24.9311, 29.0698

Deuteranomaly

26.2213, 25.0361, 27.4952

Tritanomaly

27.4867, 24.9062, 27.4034

Monochromacy



Original Color

27.5594, 24.9353, 27.7866

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.5369, 25.4879, 27.9998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5594, 24.9353, 27.7866 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(164, 127, 139)` looks like.

```
.text, #text, p{  
    color:rgb(164, 127, 139)  
}
```

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(164, 127, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 127, 139) }
```

Border

The CSS property to change the border of an element to XYZ 27.5594, 24.9353, 27.7866 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(164, 127, 139) }
```


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

```
.border{ border-color:rgb(164, 127, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 127, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 127, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 127, 139);  
box-shadow:4px 4px 4px 4px rgb(164, 127,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5594, 24.9353, 27.7866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 127, 139) }
```

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

```
.background{ background-color: rgb(164,  
127, 139) }
```

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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