

Converting Colors

XYZ(27.5105, 24.4548, 43.2266)

Have a look what the booklet for
XYZ(27.5105, 24.4548, 43.2266)
contains.

XYZ(27.4953, 24.3673, 43.2986)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.4953, 24.3673,
43.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	957EAE
RGB	149, 126, 174
RGB Percent	58%, 49%, 68%
CMY	0.4157, 0.5059, 0.3176
CMYK	0.14, 0.28, 0.00, 0.32
HSL	269°, 23%, 59%
HSV	269°, 28%, 68%
XYZ	27.4953, 24.3673, 43.2986
YIQ	138.3490, -1.7000, 19.8040

Conversions

Conversions Part 2

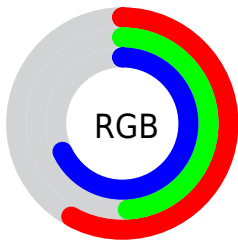
Format	Color
R_{YB}	149, 126, 174
Decimal	9797294
CIE _{Lab}	56.45, 18.38, -22.15
CIE _{LCh}	56, 28.786, 309.683
Yxy	24.3673, 0.2889, 0.2561
Android (android.graphics.Color)	4287987374 (0xFF957EAE)
YUV	138.3490, 17.5759, 9.3409
Hunter-Lab	49.3632, 13.0387, -17.4515

Details

The XYZ color **27.4953, 24.3673, 43.2986** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **31.6652, 38.3584, 25.4748**, and the grayscale version is **24.2268, 25.4885, 27.7570**.

A 20% lighter version of the original color is **55.3049, 50.7907, 81.7516**, and **11.1421, 9.2849, 19.2941** is the 20% darker color. If you saturate the color by 10%, you get **23.8714, 19.4790, 42.5465**, and if you desaturate by 10%, it is **31.6364, 30.0979, 44.1868**.

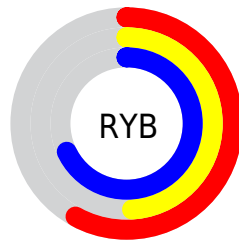
Distribution



Red (58%)

Green (49%)

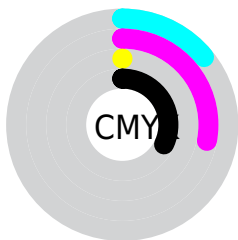
Blue (68%)



Red (58%)

Yellow (49%)

Blue (68%)

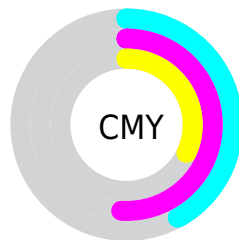


Cyan (14%)

Magenta (28%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4953, 24.3673, 43.2986 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 27.4953, 24.3673, 43.2986 by changing the saturation by 10% instead.

■ 27.4953, 24.3673,
43.2986

■ 27.4953, 24.3673,
43.2986

282.1714,
274.6722, 375.7956

■ 18.0841, 15.6063,
29.7863

■ 55.0919, 50.6289,
81.4525

■ 11.1104, 9.2460,
19.4258

■ 74.0081, 68.8983,
106.9311

■ 6.2090, 4.9020,
11.7984

■ 96.8232, 91.1060,
137.2357

■ 3.0144, 2.1899,
6.4857

123.9027,
117.6364, 172.7846

■ 1.1614, 0.7145,
3.0691

155.6119,
148.8738, 213.9966

■ 0.0756, 0.0000,
1.1300

192.3162,

■ 0.0000, 0.0000,

185.2026, 261.2900

0.0000

234.3809,
227.0073, 315.0835

■ 27.4953, 24.3673,
43.2986

■ 27.4953, 24.3673,
43.2986

■ 23.8714, 19.4790,
42.5465

■ 31.6364, 30.0979,
44.1868

■ 20.7395, 15.3884,
41.9220

■ 36.3138, 36.7065,
45.2159

■ 18.0754, 12.0513,
41.4182

■ 41.5484, 44.2301,
46.3922

■ 15.8519, 9.4178,
41.0271

■ 47.3592, 52.7030,
47.7214

■ 14.0385, 7.4317,
40.7393

■ 53.7643, 62.1575,
49.2087

■ 12.6000, 6.0277,
40.5442

■ 60.7810, 72.6243,
50.8592

■ 11.4833, 5.1050,
40.4249

■ 68.4257, 84.1329,
52.6776

■ 11.2404, 4.9121,
40.4005

■ 73.3722, 90.0273,
53.5547

■ 76.2150, 91.4928,
53.6877

Harmonies

Analogous

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



24.2544, 24.3673, 49.0302



27.4953, 24.3673, 43.2986



29.7005, 24.3673, 33.4234

Triad

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



27.4953, 24.3673, 43.2986



25.4560, 24.3673, 12.7805



17.4035, 24.3673, 29.7381

Complementary

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



27.4953, 24.3673, 43.2986



31.6652, 38.3584, 25.4748

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.



17.6586, 24.3673, 20.6594



27.4953, 24.3673, 43.2986



22.0998, 24.3673, 12.2475

Square

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



27.4953, 24.3673, 43.2986



28.4470, 24.3673, 16.4587



19.3069, 24.3673, 14.7716



18.5730, 24.3673, 40.0517

Rectangle

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



27.4953, 24.3673, 43.2986



30.1731, 24.3673, 26.6333



19.3069, 24.3673, 14.7716



17.3283, 24.3673, 26.4306

Sweetspot

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



27.4961, 24.3683, 43.2991



65.3704, 65.8707, 81.9058



27.4085, 29.8194, 44.3559



14.2366, 14.2242, 18.1395



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.4961, 24.3683, 43.2991



45.8205, 38.7022, 77.6921



32.2027, 26.7947, 43.5194



7.9303, 7.9384, 10.0670



8.2205, 3.5977, 29.3057



0.2921, 0.1328, 0.8182

Inverse Universe

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



30.5031, 26.1558, 32.7200



52.3112, 42.5620, 54.7853



27.7448, 36.3373, 25.2913



8.1729, 8.0824, 9.2212



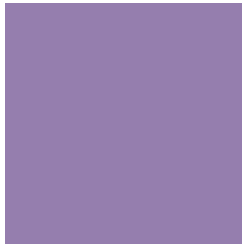
14.0488, 7.0820, 7.9022



0.4183, 0.2080, 0.3644

Previews

White Background



This preview shows how the XYZ color 27.4953, 24.3673, 43.2986 looks on a white background.

Color Contrast Check

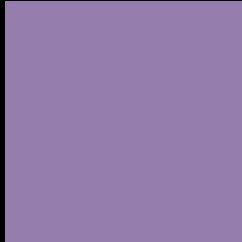
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4953, 24.3673, 43.2986 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 27.4953, 24.3673, 43.2986

Background



This preview shows how black text looks on a background with the XYZ color 27.4953, 24.3673, 43.2986.



This preview shows how white text looks on a background with the XYZ color 27.4953, 24.3673,

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

27.4953, 24.3673, 43.2986

Protanopia

24.9317, 24.5564, 46.6058

Deuteranopia

24.9836, 24.4593, 42.9395



Tritanopia

24.6353, 24.3848, 28.9995

Trichromacy



Original Color

27.4953, 24.3673, 43.2986

Protanomaly

25.6679, 24.3525, 45.4671

Deuteranomaly

25.6788, 24.2166, 42.8560

Tritanomaly

25.6694, 24.4093, 33.9304

Monochromacy



Original Color

27.4953, 24.3673, 43.2986

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.2663, 25.0353, 32.7788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4953, 24.3673, 43.2986 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(149, 126, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 126, 174) }
```

Border

The CSS property to change the border of an element to XYZ 27.4953, 24.3673, 43.2986 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, 174) }
```


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

```
.border{ border-color:rgb(149, 126, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 126, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 126, 174);  
box-shadow:4px 4px 4px 4px rgb(149, 126,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4953, 24.3673, 43.2986 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, 174) }
```

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

```
.background{ background-color: rgb(149,  
126, 174) }
```

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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