

Converting Colors

XYZ(27.1086, 27.5168, 43.1905)

Have a look what the booklet for
XYZ(27.1086, 27.5168, 43.1905)
contains.

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Color

**XYZ(27.0473, 27.4315,
43.4044)**

Conversions

Conversions Part 1

Format	Color
Hex	868EAD
RGB	134, 142, 173
RGB Percent	53%, 56%, 68%
CMY	0.4745, 0.4431, 0.3216
CMYK	0.23, 0.18, 0.00, 0.32
HSL	228°, 19%, 60%
HSV	228°, 23%, 68%
XYZ	27.0473, 27.4315, 43.4044
YIQ	143.1420, -14.7190, 7.9450

Conversions

Conversions Part 2

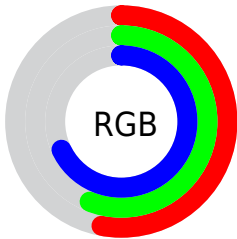
Format	Color
RYB	134, 141, 173
Decimal	8818349
CIELab	59.37, 4.00, -17.24
CIELCh	59, 17.700, 283.055
Yxy	27.4315, 0.2763, 0.2802
Android (android.graphics.Color)	4287008429 (0xFF868EAD)
YUV	143.1420, 14.7200, -8.0175
Hunter-Lab	52.3751, 0.5237, -12.4724

Details

The XYZ color **27.0473, 27.4315, 43.4044** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.9919, 37.5155, 27.9518**, and the grayscale version is **26.1131, 27.4730, 29.9181**.

A 20% lighter version of the original color is **54.4826, 55.7727, 81.2924**, and **10.9345, 10.9196, 19.6205** is the 20% darker color. If you saturate the color by 10%, you get **22.5912, 22.2828, 42.6459**, and if you desaturate by 10%, it is **32.2087, 33.3198, 44.2694**.

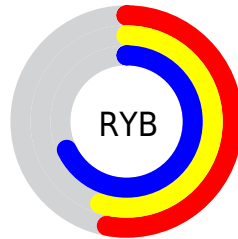
Distribution



Red (53%)

Green (56%)

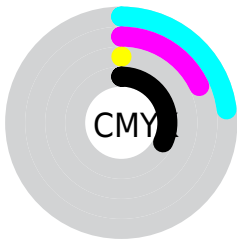
Blue (68%)



Red (53%)

Yellow (55%)

Blue (68%)

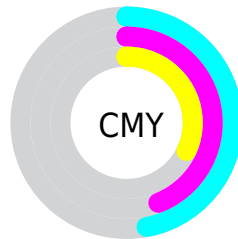


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (44%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0473, 27.4315, 43.4044 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 27.0473, 27.4315, 43.4044 by changing the saturation by 10% instead.

■ 27.0473, 27.4315,
43.4044

■ 27.0473, 27.4315,
43.4044

280.0494,
289.7403, 376.2422

■ 17.7455, 17.8976,
29.8688

■ 54.3791, 55.5755,
81.6137

■ 10.8660, 10.8765,
19.4878

■ 73.1399, 74.9544,
107.1244

■ 6.0434, 5.9838,
11.8429

■ 95.7843, 98.3837,
137.4639

■ 2.9124, 2.8352,
6.5156

122.6778,
126.2478, 173.0507

■ 1.1076, 1.0463,
3.0872

154.1857,
158.9311, 214.3034

■ 0.0315, 0.0000,
1.1393

190.6734,

■ 0.0000, 0.0000,

196.8180, 261.6406

0.0000

232.5062,
240.2930, 315.4806

■ 27.0473, 27.4315,
43.4044

■ 27.0473, 27.4315,
43.4044

■ 22.5912, 22.2828,
42.6459

■ 32.2087, 33.3198,
44.2694

■ 18.8066, 17.8407,
41.9880

■ 38.1017, 39.9721,
45.2428

■ 15.6610, 14.0748,
41.4269

■ 44.7548, 47.4161,
46.3290

■ 13.1180, 10.9508,
40.9579

■ 52.1940, 55.6769,
47.5314

■ 11.1375, 8.4316,
40.5760

■ 60.4439, 64.7785,
48.8534

■ 9.6740, 6.4758,
40.2757

■ 69.5283, 74.7439,
50.2981

■ 8.6747, 5.0365,
40.0505

■ 79.4322, 85.5758,
51.8669

■ 8.1586, 4.2486,
39.9256

■ 83.5956, 93.9025,
53.2546

■ 84.5429, 95.7972,
53.5704

Harmonies

Analogous

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



24.8504, 27.4315, 43.1299



27.0473, 27.4315, 43.4044



29.0916, 27.4315, 39.7029

Triad

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



27.0473, 27.4315, 43.4044



29.3122, 27.4315, 22.2871



22.2052, 27.4315, 26.4505

Complementary

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



27.0473, 27.4315, 43.4044



34.9919, 37.5155, 27.9518

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.



23.2704, 27.4315, 21.8086



27.0473, 27.4315, 43.4044



27.3347, 27.4315, 19.6487

Square

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



27.0473, 27.4315, 43.4044



30.4483, 27.4315, 27.1954



25.1220, 27.4315, 19.4870



22.1380, 27.4315, 32.7107

Rectangle

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



27.0473, 27.4315, 43.4044



30.0591, 27.4315, 35.7468



25.1220, 27.4315, 19.4870



22.4555, 27.4315, 24.6723

Sweetspot

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



27.0482, 27.4326, 43.4050



63.2385, 65.9584, 80.2040



31.5262, 37.6562, 40.9902



13.6133, 14.1877, 17.4087



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.



27.0482, 27.4326, 43.4050



44.3530, 44.4223, 77.0425



27.7543, 26.0922, 43.1091



7.7071, 8.0136, 10.0933



6.0279, 3.1897, 29.3425



0.2053, 0.1639, 0.8288

Inverse Universe

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



30.6418, 27.8880, 29.3604



51.9670, 45.5392, 47.2516



34.1373, 39.2850, 28.3383



8.0700, 8.0412, 8.6792



12.9063, 6.6250, 1.8858



0.3780, 0.1919, 0.1523

Previews

White Background



This preview shows how the XYZ color 27.0473, 27.4315, 43.4044 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 27.0473, 27.4315, 43.4044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

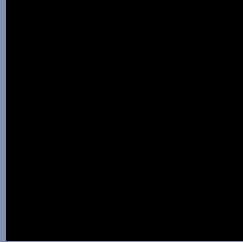
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0473, 27.4315, 43.4044

Background



This preview shows how black text looks on a background with the XYZ color 27.0473, 27.4315, 43.4044.



This preview shows how white text looks on a background with the XYZ color 27.0473, 27.4315,

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

27.0473, 27.4315, 43.4044

Protanopia

27.2210, 27.3011, 43.3701

Deuteranopia

27.9054, 27.4360, 43.3601



Tritanopia

25.4862, 27.4764, 35.4127

Trichromacy



Original Color

27.0473, 27.4315, 43.4044

Protanomaly

27.0594, 27.2178, 43.3625

Deuteranomaly

27.5489, 27.4702, 43.3854

Tritanomaly

26.0106, 27.4607, 38.1120

Monochromacy



Original Color

27.0473, 27.4315, 43.4044

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4704, 27.5535, 34.4951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0473, 27.4315, 43.4044 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(134, 142, 173)` looks like.

```
.text, #text, p{  
    color:rgb(134, 142, 173)  
}
```

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(134, 142, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 142, 173) }
```

Border

The CSS property to change the border of an element to XYZ 27.0473, 27.4315, 43.4044 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(134, 142, 173) }
```


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

```
.border{ border-color:rgb(134, 142, 173) }
```

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

Here you see how a box with a 4 pixel rgb(134, 142, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 142, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 142, 173);  
box-shadow:4px 4px 4px 4px rgb(134, 142,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0473, 27.4315, 43.4044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 142, 173) }
```

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

```
.background{ background-color: rgb(134,  
142, 173) }
```

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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