

Converting Colors

XYZ(27.2240, 27.4723, 44.4264)

Have a look what the booklet for
XYZ(27.2240, 27.4723, 44.4264)
contains.

XYZ(27.2424, 27.5095, 44.4315)	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(27.2424, 27.5095,
44.4315)**

Conversions

Conversions Part 1

Format	Color
Hex	868EAF
RGB	134, 142, 175
RGB Percent	53%, 56%, 69%
CMY	0.4745, 0.4431, 0.3137
CMYK	0.23, 0.19, 0.00, 0.31
HSL	228°, 20%, 61%
HSV	228°, 23%, 69%
XYZ	27.2424, 27.5095, 44.4315
YIQ	143.3700, -15.3610, 8.5670

Conversions

Conversions Part 2

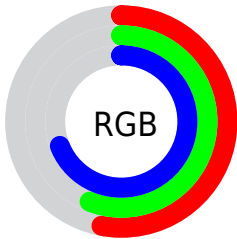
Format	Color
R_{YB}	134, 141, 175
Decimal	8818351
CIE _{Lab}	59.44, 4.48, -18.27
CIE _{LCh}	59, 18.812, 283.775
Yxy	27.5095, 0.2747, 0.2774
Android (android.graphics.Color)	4287008431 (0xFF868EAF)
YUV	143.3700, 15.5936, -8.2175
Hunter-Lab	52.4495, 0.9267, -13.5116

Details

The XYZ color **27.2424, 27.5095, 44.4315** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.8013, 38.4728, 28.0941**, and the grayscale version is **26.2010, 27.5655, 30.0188**.

A 20% lighter version of the original color is **54.9028, 55.9407, 83.5053**, and **10.9073, 10.8984, 19.9411** is the 20% darker color. If you saturate the color by 10%, you get **22.7158, 22.2597, 43.6572**, and if you desaturate by 10%, it is **32.4971, 33.5291, 45.3169**.

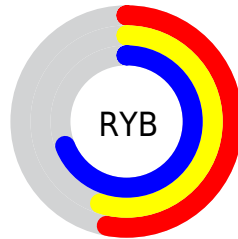
Distribution



Red (53%)

Green (56%)

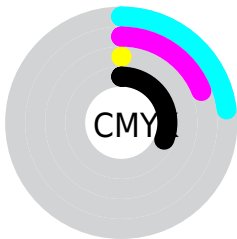
Blue (69%)



Red (53%)

Yellow (55%)

Blue (69%)

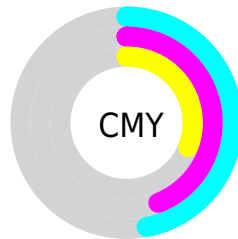


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (44%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2424, 27.5095, 44.4315 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 27.2424, 27.5095, 44.4315 by changing the saturation by 10% instead.

■ 27.2424, 27.5095,
44.4315

■ 27.2424, 27.5095,
44.4315

280.9751,
290.1156, 380.5590

■ 17.8929, 17.9562,
30.6702

■ 54.6897, 55.7004,
83.1760

■ 10.9723, 10.9186,
20.0915

■ 73.5183, 75.1068,
108.9964

■ 6.1154, 6.0121,
12.2768

■ 96.2372, 98.5664,
139.6734

■ 2.9567, 2.8524,
6.8077

123.2119,
126.4635, 175.6258

■ 1.1309, 1.0552,
3.2655

154.8076,
159.1826, 217.2720

■ 0.0507, 0.0000,
1.2317

191.3899,

■ 0.0000, 0.0000,

197.1081, 265.0306

0.0049

233.3239,
240.6243, 319.3200

■ 0.0000, 0.0000,
0.0000

■ 27.2424, 27.5095,
44.4315

■ 27.2424, 27.5095,
44.4315

■ 22.7158, 22.2597,
43.6572

■ 32.4971, 33.5291,
45.3169

■ 18.8823, 17.7450,
42.9878

■ 38.5078, 40.3448,
46.3157

■ 15.7075, 13.9329,
42.4194

■ 45.3040, 47.9855,
47.4323

■ 13.1534, 10.7872,
41.9468

■ 52.9130, 56.4780,
48.6704

■ 11.1776, 8.2682,
41.5647

■ 61.3606, 65.8474,
50.0337

■ 9.7323, 6.3317,
41.2671

■ 70.6714, 76.1183,
51.5254

■ 8.7615, 4.9274,
41.0472

■ 80.3143, 87.0278,
53.1229

■ 8.3143, 4.2479,
40.9396

■ 84.6367, 95.6728,
54.5638

■ 84.7380, 95.8752,
54.5975

Harmonies

Analogous

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



24.8994, 27.5095, 44.2447



27.2424, 27.5095, 44.4315



29.4137, 27.5095, 40.3513

Triad

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



27.2424, 27.5095, 44.4315



29.5624, 27.5095, 21.8318



22.0274, 27.5095, 26.4667

Complementary

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



27.2424, 27.5095, 44.4315



35.8013, 38.4728, 28.0941

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.



23.1315, 27.5095, 21.5150



27.2424, 27.5095, 44.4315



27.4355, 27.5095, 19.1273

Square

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



27.2424, 27.5095, 44.4315



30.8066, 27.5095, 26.9641



25.0813, 27.5095, 19.0209



21.9826, 27.5095, 33.1554

Rectangle

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



27.2424, 27.5095, 44.4315



30.4326, 27.5095, 36.0710



25.0813, 27.5095, 19.0209



22.2838, 27.5095, 24.5694

Sweetspot

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



27.2433, 27.5106, 44.4321



64.8284, 67.5776, 82.2638



32.1187, 38.5115, 42.2035



14.2685, 14.8609, 18.2607



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.



27.2433, 27.5106, 44.4321



44.5325, 44.3468, 78.8495



28.1711, 26.2846, 44.1466



7.7008, 8.0009, 10.0911



5.9896, 3.1130, 29.3297



0.2028, 0.1589, 0.8280

Inverse Universe

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



31.0875, 28.1179, 29.3812



52.6490, 45.7877, 47.0363



34.6765, 40.1366, 28.4745



8.0668, 8.0400, 8.6624



12.8869, 6.6173, 1.7840



0.3767, 0.1914, 0.1457

Previews

White Background



This preview shows how the XYZ color 27.2424, 27.5095, 44.4315 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 27.2424, 27.5095, 44.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

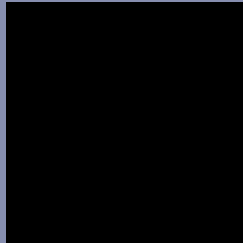
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2424, 27.5095, 44.4315

Background



This preview shows how black text looks on a background with the XYZ color 27.2424, 27.5095, 44.4315.



This preview shows how white text looks on a background with the XYZ color 27.2424, 27.5095,

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

27.2424, 27.5095, 44.4315

Protanopia

27.4025, 27.5920, 44.4390

Deuteranopia

28.1005, 27.5140, 44.3871



Tritanopia

25.4171, 27.4309, 35.8534

Trichromacy



Original Color

27.2424, 27.5095, 44.4315

Protanomaly

27.4025, 27.5920, 44.4390

Deuteranomaly

27.7440, 27.5482, 44.4125

Tritanomaly

26.0342, 27.4521, 39.0486

Monochromacy



Original Color

27.2424, 27.5095, 44.4315

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5541, 27.5869, 34.9356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2424, 27.5095, 44.4315 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(134, 142, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 142, 175) }
```

Border

The CSS property to change the border of an element to XYZ 27.2424, 27.5095, 44.4315 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, 175) }
```


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

```
.border{ border-color:rgb(134, 142, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 142, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 142, 175);  
box-shadow:4px 4px 4px 4px rgb(134, 142,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2424, 27.5095, 44.4315 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, 175) }
```

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

```
.background{ background-color: rgb(134,  
142, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor