

Converting Colors

XYZ(27.5684, 27.2623, 43.3443)

Have a look what the booklet for
XYZ(27.5684, 27.2623, 43.3443)
contains.

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Color

**XYZ(27.5684, 27.2623,
43.3443)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8CAD
RGB	139, 140, 173
RGB Percent	55%, 55%, 68%
CMY	0.4549, 0.4510, 0.3216
CMYK	0.20, 0.19, 0.00, 0.32
HSL	238°, 17%, 61%
HSV	238°, 20%, 68%
XYZ	27.5684, 27.2623, 43.3443
YIQ	143.4630, -11.1890, 10.0510

Conversions

Conversions Part 2

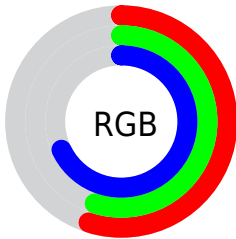
Format	Color
R_{YB}	139, 140, 173
Decimal	9145517
CIE _{Lab}	59.22, 6.77, -17.44
CIE _{LCh}	59, 18.708, 291.202
Yxy	27.2623, 0.2808, 0.2777
Android (android.graphics.Color)	4287335597 (0xFF8B8CAD)
YUV	143.4630, 14.5617, -3.9141
Hunter-Lab	52.2133, 2.8739, -12.6696

Details

The XYZ color **27.5684, 27.2623, 43.3443** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.6466, 40.2534, 30.2650**, and the grayscale version is **26.2410, 27.6076, 30.0646**.

A 20% lighter version of the original color is **55.0659, 55.0788, 81.1278**, and **11.1319, 10.7675, 19.5808** is the 20% darker color. If you saturate the color by 10%, you get **22.6362, 21.3517, 42.4639**, and if you desaturate by 10%, it is **33.3339, 34.1595, 44.3722**.

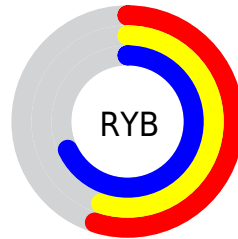
Distribution



Red (55%)

Green (55%)

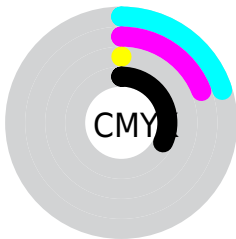
Blue (68%)



Red (55%)

Yellow (55%)

Blue (68%)

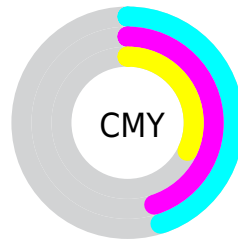


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (32%)



Cyan (45%)

Magenta (45%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5684, 27.2623, 43.3443 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 27.5684, 27.2623, 43.3443 by changing the saturation by 10% instead.

■ 27.5684, 27.2623,
43.3443

■ 27.5684, 27.2623,
43.3443

282.5164,
288.9249, 375.9885

■ 18.1394, 17.7703,
29.8220

■ 55.2081, 55.3045,
81.5221

■ 11.1504, 10.7852,
19.4526

■ 74.1495, 74.6235,
107.0146

■ 6.2361, 5.9226,
11.8176

■ 96.9923, 97.9869,
137.3343

■ 3.0312, 2.7981,
6.4986

124.1020,
125.7792, 172.8996

■ 1.1703, 1.0272,
3.0769

155.8439,
158.3848, 214.1292

■ 0.0827, 0.0000,
1.1340

192.5834,

■ 0.0000, 0.0000,

196.1880, 261.4415

0.0000

234.6858,
239.5732, 315.2551

■ 27.5684, 27.2623,
43.3443

■ 27.5684, 27.2623,
43.3443

■ 22.6362, 21.3517,
42.4639

■ 33.3339, 34.1595,
44.3722

■ 18.4962, 16.3796,
41.7223

■ 39.9658, 42.0820,
45.5518

■ 15.1080, 12.2986,
41.1132

■ 47.4990, 51.0704,
46.8897

■ 12.4265, 9.0561,
40.6287

■ 55.9652, 61.1624,
48.3914

■ 10.4016, 6.5938,
40.2601

■ 65.3950, 72.3934,
50.0622

■ 8.9770, 4.8462,
39.9979

■ 75.8173, 84.7975,
51.9072

■ 8.0865, 3.7367,
39.8307

■ 84.5429, 95.7972,
53.5704

■ 7.6121, 3.1443,
39.7413

■ 7.5982, 3.1278,
39.7389

Harmonies

Analogous

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



25.2320, 27.2623, 44.2756



27.5684, 27.2623, 43.3443



29.5676, 27.2623, 38.4830

Triad

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



27.5684, 27.2623, 43.3443



28.8255, 27.2623, 20.7552



21.7270, 27.2623, 27.7622

Complementary

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



27.5684, 27.2623, 43.3443



36.6466, 40.2534, 30.2650

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.



22.5709, 27.2623, 22.3402



27.5684, 27.2623, 43.3443



26.6042, 27.2623, 18.7123

Square

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



27.5684, 27.2623, 43.3443



30.3231, 27.2623, 25.2760



24.3233, 27.2623, 19.2455



21.9509, 27.2623, 34.5768

Rectangle

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



27.5684, 27.2623, 43.3443



30.3947, 27.2623, 34.0190



24.3233, 27.2623, 19.2455



21.8933, 27.2623, 25.7339

Sweetspot

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



27.5693, 27.2634, 43.3449



63.7315, 65.9969, 80.1854



33.0252, 38.3501, 44.6248



13.6936, 14.1554, 17.3982



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.



27.5693, 27.2634, 43.3449



44.9816, 43.5649, 76.8439



30.2681, 28.4385, 43.4295



7.5971, 7.7936, 10.0566



5.5894, 2.3127, 29.1963



0.1615, 0.0763, 0.8142

Inverse Universe

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



31.2005, 29.2437, 28.8123



52.8004, 47.8487, 45.5481



33.5350, 38.9333, 30.1742



8.0144, 8.0190, 8.3869



12.6849, 6.5365, 0.7203



0.3559, 0.1830, 0.0360

Previews

White Background



This preview shows how the XYZ color 27.5684, 27.2623, 43.3443 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 27.5684, 27.2623, 43.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

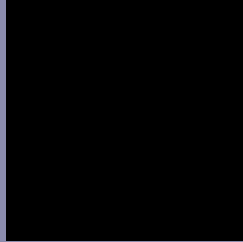
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5684, 27.2623, 43.3443

Background



This preview shows how black text looks on a background with the XYZ color 27.5684, 27.2623, 43.3443.



This preview shows how white text looks on a background with the XYZ color 27.5684, 27.2623,

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

27.5684, 27.2623, 43.3443

Protanopia

27.1565, 27.2566, 43.8742

Deuteranopia

27.7599, 27.1451, 43.3116



Tritanopia

25.8922, 27.2457, 34.9046

Trichromacy



Original Color

27.5684, 27.2623, 43.3443

Protanomaly

27.3182, 27.3400, 43.8817

Deuteranomaly

27.5907, 27.0578, 43.3037

Tritanomaly

26.5111, 27.2730, 38.0493

Monochromacy



Original Color

27.5684, 27.2623, 43.3443

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.6611, 27.4299, 34.4612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5684, 27.2623, 43.3443 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(139, 140, 173)` looks like.

```
.text, #text, p{  
    color:rgb(139, 140, 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(139, 140, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 140, 173) }
```

Border

The CSS property to change the border of an element to XYZ 27.5684, 27.2623, 43.3443 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(139, 140, 173) }
```


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

```
.border{ border-color:rgb(139, 140, 173) }
```

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

Here you see how a box with a 4 pixel rgb(139, 140, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 140, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 140, 173);  
box-shadow:4px 4px 4px 4px rgb(139, 140,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5684, 27.2623, 43.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 140, 173) }
```

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

```
.background{ background-color: rgb(139,  
140, 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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