

Converting Colors

XYZ(27.7367, 24.3344, 57.9154)

Have a look what the booklet for
XYZ(27.7367, 24.3344, 57.9154)
contains.

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Color

**XYZ(27.6876, 24.3354,
57.8815)**

Conversions

Conversions Part 1

Format	Color
Hex	857FC8
RGB	133, 127, 200
RGB Percent	52%, 50%, 78%
CMY	0.4784, 0.5020, 0.2157
CMYK	0.33, 0.36, 0.00, 0.22
HSL	245°, 40%, 64%
HSV	245°, 36%, 78%
XYZ	27.6876, 24.3354, 57.8815
YIQ	137.1160, -19.8570, 23.9750

Conversions

Conversions Part 2

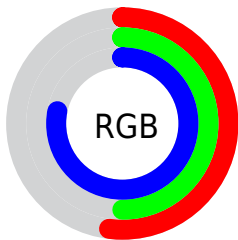
Format	Color
R_{YB}	133, 127, 200
Decimal	8749000
CIE _{Lab}	56.42, 19.29, -37.15
CIE _{LCh}	56, 41.858, 297.436
Yxy	24.3354, 0.2519, 0.2214
Android (android.graphics.Color)	4286939080 (0xFF857FC8)
YUV	137.1160, 31.0018, -3.6097
Hunter-Lab	49.3309, 13.8562, -35.0351

Details

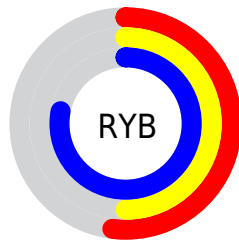
The XYZ color **27.6876, 24.3354, 57.8815** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.7334, 54.3106, 28.0993**, and the grayscale version is **23.7143, 24.9493, 27.1698**.

A 20% lighter version of the original color is **55.1103, 50.5539, 101.4610**, and **11.2210, 9.2296, 28.3842** is the 20% darker color. If you saturate the color by 10%, you get **22.7073, 18.3070, 56.9808**, and if you desaturate by 10%, it is **33.6888, 31.6521, 58.9779**.

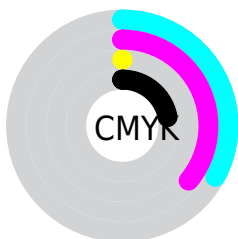
Distribution



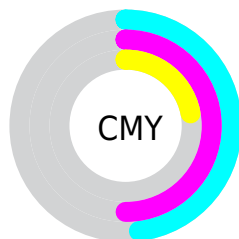
- Red (52%)
- Green (50%)
- Blue (78%)



- Red (52%)
- Yellow (50%)
- Blue (78%)



- Cyan (33%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6876, 24.3354, 57.8815 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 27.6876, 24.3354, 57.8815 by changing the saturation by 10% instead.

■ 27.6876, 24.3354,
57.8815

■ 27.6876, 24.3354,
57.8815

283.0784,
274.5118, 434.3301

■ 18.2296, 15.5826,
41.2993

■ 55.3974, 50.5770,
103.2633

■ 11.2156, 9.2293,
28.2316

■ 74.3799, 68.8345,
132.9001

■ 6.2804, 4.8910,
18.2597

■ 97.2679, 91.0292,
167.7254

■ 3.0586, 2.1835,
10.9653

124.4268,
117.5452, 208.1579

■ 1.1848, 0.7110,
5.9296

156.2220,
148.7671, 254.6161

■ 0.0943, 0.0000,
2.7342

193.0187,

■ 0.0000, 0.0000,

185.0793, 307.5185

0.9606

235.1824,
226.8660, 367.2837

■ 0.0000, 0.0000,
0.0000

■ 27.6876, 24.3354,
57.8815

■ 27.6876, 24.3354,
57.8815

■ 22.7073, 18.3070,
56.9808

■ 33.6888, 31.6521,
58.9779

■ 18.6884, 13.4895,
56.2628

■ 40.7606, 40.3228,
60.2788

■ 15.5693, 9.8017,
55.7154

■ 48.9528, 50.4123,
61.7945

■ 13.2802, 7.1510,
55.3244

■ 58.3112, 61.9801,
63.5341

■ 11.7408, 5.4302,
55.0734

■ 68.8789, 75.0825,
65.5061

■ 10.8517, 4.5028,
54.9412

■ 80.6971, 89.7728,
67.7187

■ 10.6467, 4.2843,
54.9098

■ 87.4254, 96.9502,
68.7495

Harmonies

Analogous

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



22.7164, 24.3354, 63.0281



27.6876, 24.3354, 57.8815



31.8915, 24.3354, 43.5831

Triad

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



27.6876, 24.3354, 57.8815



28.5082, 24.3354, 9.7863



15.0244, 24.3354, 25.3230

Complementary

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



27.6876, 24.3354, 57.8815



46.7334, 54.3106, 28.0993

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.



16.1411, 24.3354, 14.5867



27.6876, 24.3354, 57.8815



23.5487, 24.3354, 7.7962

Square

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



27.6876, 24.3354, 57.8815



32.4098, 24.3354, 16.0177



19.1023, 24.3354, 9.1855



15.8159, 24.3354, 40.7695

Rectangle

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



27.6876, 24.3354, 57.8815



33.4523, 24.3354, 32.7264



19.1023, 24.3354, 9.1855



15.1851, 24.3354, 21.1131

Sweetspot

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



27.6885, 24.3363, 57.8821



77.9002, 78.8310, 105.7179



38.7233, 47.7727, 61.8242



16.2584, 16.3615, 22.5511



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.6885, 24.3363, 57.8821



40.7958, 33.4826, 98.9204



34.2420, 27.7148, 58.1888



10.1362, 10.3285, 13.3768



6.8010, 2.7403, 34.9148



0.3506, 0.1445, 1.6546

Inverse Universe

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



41.1469, 31.3538, 54.9220



67.6327, 47.4850, 92.6097



38.7111, 50.1749, 27.7239



11.0440, 10.8010, 13.2152



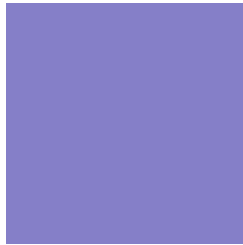
20.6329, 10.0027, 29.6062



0.9884, 0.4782, 1.4619

Previews

White Background



This preview shows how the XYZ color 27.6876, 24.3354, 57.8815 looks on a white background.

Color Contrast Check

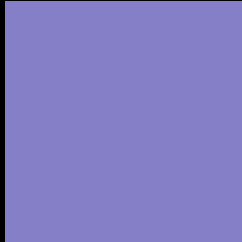
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6876, 24.3354, 57.8815 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 27.6876, 24.3354, 57.8815

Background



This preview shows how black text looks on a background with the XYZ color 27.6876, 24.3354, 57.8815.



This preview shows how white text looks on a background with the XYZ color 27.6876, 24.3354,

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

27.6876, 24.3354, 57.8815

Protanopia

25.8374, 24.4978, 61.1244

Deuteranopia

24.9025, 24.3156, 56.8070



Tritanopia

22.5393, 24.4845, 31.9718

Trichromacy



Original Color

27.6876, 24.3354, 57.8815

Protanomaly

26.3670, 24.3959, 59.8191

Deuteranomaly

25.7612, 24.1380, 57.3342

Tritanomaly

24.1972, 24.3130, 40.4633

Monochromacy



Original Color

27.6876, 24.3354, 57.8815

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8860, 24.5474, 36.6842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6876, 24.3354, 57.8815 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(133, 127, 200)` looks like.

```
.text, #text, p{  
    color:rgb(133, 127, 200)  
}
```

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(133, 127, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 127, 200) }
```

Border

The CSS property to change the border of an element to XYZ 27.6876, 24.3354, 57.8815 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(133, 127, 200) }
```


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

```
.border{ border-color:rgb(133, 127, 200) }
```

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

Here you see how a box with a 4 pixel rgb(133, 127, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 127, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 127, 200);  
box-shadow:4px 4px 4px 4px rgb(133, 127,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6876, 24.3354, 57.8815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 127, 200) }
```

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

```
.background{ background-color: rgb(133,  
127, 200) }
```

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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