

Converting Colors

XYZ(39.7859, 27.8421, 24.7498)

Have a look what the booklet for
XYZ(39.7859, 27.8421, 24.7498)
contains.

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Color

**XYZ(39.7859, 27.8421,
24.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	DF6B83
RGB	223, 107, 131
RGB Percent	87%, 42%, 51%
CMY	0.1255, 0.5804, 0.4863
CMYK	0.00, 0.52, 0.41, 0.13
HSL	348°, 64%, 65%
HSV	348°, 52%, 87%
XYZ	39.7859, 27.8421, 24.7498
YIQ	144.4200, 61.4320, 32.0560

Conversions

Conversions Part 2

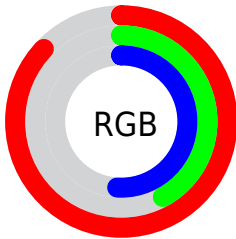
Format	Color
RYB	223, 107, 131
Decimal	14642051
CIELab	59.75, 47.53, 8.54
CIELCh	60, 48.295, 10.183
Yxy	27.8421, 0.4307, 0.3014
Android (android.graphics.Color)	4292832131 (0xFFDF6B83)
YUV	144.4200, -6.6161, 68.9147
Hunter-Lab	52.7656, 42.2513, 9.1259

Details

The XYZ color **39.7859, 27.8421, 24.7498** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.7615, 60.0254, 63.3690**, and the grayscale version is **26.6881, 28.0780, 30.5769**.

A 20% lighter version of the original color is **62.6366, 50.2104, 51.7377**, and **18.1520, 11.1400, 9.1762** is the 20% darker color. If you saturate the color by 10%, you get **36.6552, 23.3383, 18.2883**, and if you desaturate by 10%, it is **43.7221, 33.6295, 32.4900**.

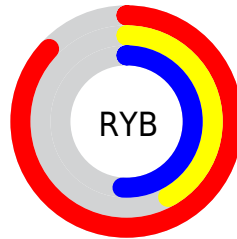
Distribution



Red (87%)

Green (42%)

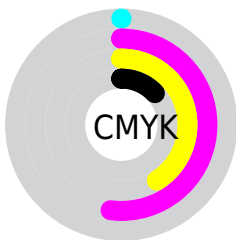
Blue (51%)



Red (87%)

Yellow (42%)

Blue (51%)

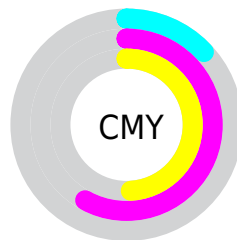


Cyan (0%)

Magenta (52%)

Yellow (41%)

Black (13%)



Cyan (13%)


Magenta (58%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7859, 27.8421, 24.7498 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 39.7859, 27.8421, 24.7498 by changing the saturation by 10% instead.


 39.7859, 27.8421,
24.7498


 39.7859, 27.8421,
24.7498


336.3703,
291.7116, 289.9973


 27.5551, 18.2067,
15.6734


 74.1238, 56.2322,
52.2101


 18.1293, 11.0985,
9.1415


 96.9616, 75.7558,
71.4311

 11.1431, 6.1331,
4.7355


 124.0658, 99.3441,
94.8708

 6.2312, 2.9262,
2.0369

 155.8018,
127.3816, 122.9476

 3.0281, 1.0933,
0.5778

192.5349,
160.2527, 156.0801

 1.1687, 0.0000,
0.0000

234.6304,

 0.0814, 0.0000,

198.3418, 194.6869

0.0000

282.4537,
242.0333, 239.1864

■ 0.0000, 0.0000,
0.0000

■ 39.7859, 27.8421,
24.7498

■ 39.7859, 27.8421,
24.7498

■ 36.6552, 23.3383,
18.2883

■ 43.7221, 33.6295,
32.4900

■ 34.2704, 20.0153,
13.0334

■ 48.5134, 40.7840,
41.5722

■ 32.5668, 17.7620,
8.9082


■ 54.2078, 49.3875,
52.0572


■ 31.4669, 16.4433,
5.8254


■ 60.8491, 59.5137,
64.0018

■ 30.9271, 15.8863,
4.0344

■ 68.4783, 71.2317,
77.4594

 77.1338, 84.6060,
92.4807

 84.2110, 94.4158,
108.2338

 84.2414, 94.4280,
108.3942

Harmonies

Analogous

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



39.1197, 27.8421, 43.2065



39.7859, 27.8421, 24.7498



36.4870, 27.8421, 13.3810

Triad

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



39.7859, 27.8421, 24.7498



19.5861, 27.8421, 11.1965



22.6782, 27.8421, 74.2399

Complementary

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



39.7859, 27.8421, 24.7498



42.7615, 60.0254, 63.3690

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.



18.4670, 27.8421, 57.6053



39.7859, 27.8421, 24.7498



16.8813, 27.8421, 20.2831

Square

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



39.7859, 27.8421, 24.7498



24.4408, 27.8421, 7.7997



16.5058, 27.8421, 36.6583



28.5939, 27.8421, 76.9279

Rectangle

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



39.7859, 27.8421, 24.7498



32.7423, 27.8421, 9.4966



16.5058, 27.8421, 36.6583



21.0428, 27.8421, 69.8585

Sweetspot

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



39.7866, 27.8435, 24.7503



78.6080, 74.7627, 79.8451



41.8317, 27.8324, 72.9795



16.4267, 15.3946, 16.3730



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.



39.7866, 27.8435, 24.7503



49.5082, 31.3920, 24.4298



42.4450, 35.4684, 18.5208



13.8226, 13.7467, 14.8361



18.2177, 9.3541, 2.5463



1.2952, 0.6613, 0.3472

Inverse Universe

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



39.7866, 27.8435, 24.7503



49.5082, 31.3920, 24.4298



37.8263, 45.3395, 76.5698



13.8226, 13.7467, 14.8361



18.2177, 9.3541, 2.5463



1.2952, 0.6613, 0.3472

Previews

White Background



This preview shows how the XYZ color 39.7859, 27.8421, 24.7498 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 39.7859, 27.8421, 24.7498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

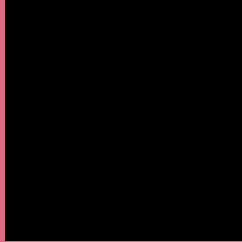
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.7859, 27.8421, 24.7498

Background



This preview shows how black text looks on a background with the XYZ color 39.7859, 27.8421, 24.7498.



This preview shows how white text looks on a background with the XYZ color 39.7859, 27.8421,

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

39.7859, 27.8421, 24.7498

Protanopia

27.2362, 28.2006, 33.2859

Deuteranopia

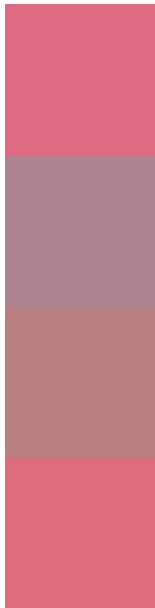
28.5156, 27.9709, 23.6347



Tritanopia

38.8037, 27.7512, 20.1410

Trichromacy



Original Color

39.7859, 27.8421, 24.7498

Protanomaly

30.3839, 27.1305, 30.0209

Deuteranomaly

31.7354, 27.1764, 23.9950

Tritanomaly

38.9996, 27.6599, 21.6957

Monochromacy



Original Color

39.7859, 27.8421, 24.7498

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

30.0101, 26.9809, 28.0522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7859, 27.8421, 24.7498 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(223, 107, 131)` looks like.

```
.text, #text, p{  
    color:rgb(223, 107, 131)  
}
```

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(223, 107, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 107, 131) }
```

Border

The CSS property to change the border of an element to XYZ 39.7859, 27.8421, 24.7498 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(223, 107, 131) }
```


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

```
.border{ border-color:rgb(223, 107, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 107, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 107, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 107, 131);  
box-shadow:4px 4px 4px 4px rgb(223, 107,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7859, 27.8421, 24.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 107, 131) }
```

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

```
.background{ background-color: rgb(223,  
107, 131) }
```

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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