

Converting Colors

XYZ(41.9699, 27.1121, 23.2129)

Have a look what the booklet for
XYZ(41.9699, 27.1121, 23.2129)
contains.

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Color

**XYZ(42.0944, 27.1999,
23.1102)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5E7F
RGB	235, 94, 127
RGB Percent	92%, 37%, 50%
CMY	0.0784, 0.6313, 0.5020
CMYK	0.00, 0.60, 0.46, 0.08
HSL	346°, 78%, 65%
HSV	346°, 60%, 92%
XYZ	42.0944, 27.1999, 23.1102
YIQ	139.9210, 73.4430, 40.1550

Conversions

Conversions Part 2

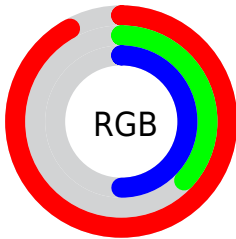
Format	Color
R_{YB}	235, 94, 127
Decimal	15425151
CIE Lab	59.16, 57.16, 10.28
CIE LCh	59, 58.080, 10.198
Yxy	27.1999, 0.4555, 0.2944
Android (android.graphics.Color)	4293615231 (0xFFEB5E7F)
YUV	139.9210, -6.3701, 83.3843
Hunter-Lab	52.1535, 52.8031, 10.2350

Details

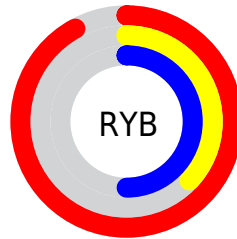
The XYZ color **42.0944, 27.1999, 23.1102** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **44.9867, 66.0612, 66.2618**, and the grayscale version is **24.9017, 26.1985, 28.5302**.

A 20% lighter version of the original color is **60.3846, 46.3680, 48.9473**, and **19.4027, 10.6928, 8.2490** is the 20% darker color. If you saturate the color by 10%, you get **39.2432, 23.2105, 16.8797**, and if you desaturate by 10%, it is **45.7925, 32.5479, 30.6576**.

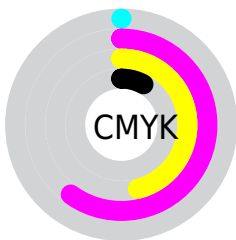
Distribution



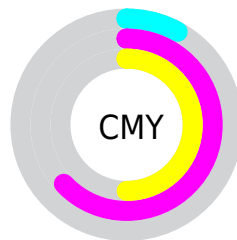
- Red (92%)
- Green (37%)
- Blue (50%)



- Red (92%)
- Yellow (37%)
- Blue (50%)



- Cyan (0%)
- Magenta (60%)
- Yellow (46%)
- Black (8%)





- Cyan (8%)
- Magenta (63%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0944, 27.1999, 23.1102 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 42.0944, 27.1999, 23.1102 by changing the saturation by 10% instead.


 42.0944, 27.1999,
23.1102


 42.0944, 27.1999,
23.1102


345.8591,
288.6237, 281.4307


 29.3666, 17.7234,
14.4688


 77.6067, 55.2045,
49.4997


 19.5040, 10.7516,
8.3050


 101.1220, 74.5014,
68.0849

 12.1412, 5.9001,
4.2002


 128.9639, 97.8405,
90.8218

 6.9128, 2.7844,
1.7358

 161.4977,
125.6063, 118.1290

 3.4535, 1.0202,
0.3851

199.0887,
158.1831, 150.4249

 1.3979, 0.0000,
0.0000

242.1024,

 0.2547, 0.0000,

195.9553, 188.1281

0.0000

290.9041,
239.3074, 231.6572

■ 0.0000, 0.0000,
0.0000

■ 42.0944, 27.1999,
23.1102

■ 42.0944, 27.1999,
23.1102

■ 39.2432, 23.2105,
16.8797

■ 45.7925, 32.5479,
30.6576

■ 37.1660, 20.4511,
11.8859

■ 50.3981, 39.3588,
39.5923

■ 35.7800, 18.7763,
8.0414

■ 55.9683, 47.7317,
49.9813

■ 34.9504, 17.9381,
5.2344

■ 62.5552, 57.7559,
61.8865

■ 34.9502, 17.9378,
5.2335

■ 70.2067, 69.5137,
75.3665

■ 78.9679, 83.0821,
90.4764

■ 87.7516, 96.2744,
106.8924

■ 88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



41.2660, 27.1999, 45.2585



42.0944, 27.1999, 23.1102



37.9941, 27.1999, 10.6320

Triad

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



42.0944, 27.1999, 23.1102



17.8766, 27.1999, 8.4241



21.4225, 27.1999, 85.1042

Complementary

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



42.0944, 27.1999, 23.1102



44.9867, 66.0612, 66.2618

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.



16.6200, 27.1999, 63.4707



42.0944, 27.1999, 23.1102



14.8529, 27.1999, 18.0703

Square

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



42.0944, 27.1999, 23.1102



23.4682, 27.1999, 5.1699



14.4404, 27.1999, 37.2409



28.3935, 27.1999, 88.6398

Rectangle

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



42.0944, 27.1999, 23.1102



33.3974, 27.1999, 6.7578



14.4404, 27.1999, 37.2409



19.5395, 27.1999, 79.3534

Sweetspot

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



42.0951, 27.2014, 23.1107



76.9622, 72.0689, 77.4539



42.7520, 26.2503, 81.4105



15.9339, 14.6006, 15.6178



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.



42.0951, 27.2014, 23.1107



46.5767, 27.0407, 18.7926



44.1657, 34.2385, 14.8726



15.2099, 15.1118, 16.3906



19.4923, 9.9996, 3.1278



1.5669, 0.7997, 0.4369

Inverse Universe

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



42.0951, 27.2014, 23.1107



46.5767, 27.0407, 18.7926



40.2092, 49.5720, 86.0461



15.2099, 15.1118, 16.3906



19.4923, 9.9996, 3.1278



1.5669, 0.7997, 0.4369

Previews

White Background



This preview shows how the XYZ color 42.0944, 27.1999, 23.1102 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 42.0944, 27.1999, 23.1102 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 42.0944, 27.1999, 23.1102

Background



This preview shows how black text looks on a background with the XYZ color 42.0944, 27.1999, 23.1102.



This preview shows how white text looks on a background with the XYZ color 42.0944, 27.1999,

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

42.0944, 27.1999, 23.1102

Protanopia

26.5781, 27.3967, 34.0243

Deuteranopia

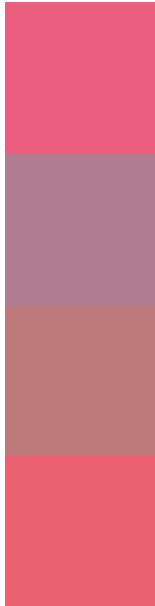
27.8529, 27.2467, 21.5604



Tritanopia

40.8492, 27.2477, 16.4709

Trichromacy



Original Color

42.0944, 27.1999, 23.1102

Protanomaly

30.2722, 25.9110, 29.7914

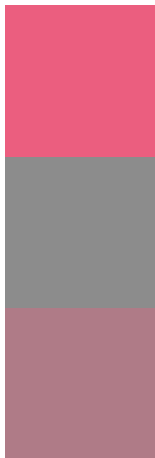
Deuteranomaly

31.6477, 26.0520, 22.0994

Tritanomaly

41.1870, 27.2341, 18.7087

Monochromacy



Original Color

42.0944, 27.1999, 23.1102

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.1353, 25.0291, 26.2172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0944, 27.1999, 23.1102 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(235, 94, 127)` looks like.

```
.text, #text, p{  
    color:rgb(235, 94, 127)  
}
```

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(235, 94, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 94, 127) }
```

Border

The CSS property to change the border of an element to XYZ 42.0944, 27.1999, 23.1102 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(235, 94, 127) }
```


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

```
.border{ border-color:rgb(235, 94, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 94, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 94, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 94, 127);  
box-shadow:4px 4px 4px 4px rgb(235, 94,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0944, 27.1999, 23.1102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 94, 127) }
```

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

```
.background{ background-color: rgb(235, 94,  
127) }
```

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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