

Converting Colors

XYZ(44.1934, 27.6902, 35.2377)

Have a look what the booklet for
XYZ(44.1934, 27.6902, 35.2377)
contains.

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Color

**XYZ(44.2597, 27.7851,
35.3781)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5C9E
RGB	235, 92, 158
RGB Percent	92%, 36%, 62%
CMY	0.0784, 0.6392, 0.3804
CMYK	0.00, 0.61, 0.33, 0.08
HSL	332°, 78%, 64%
HSV	332°, 61%, 92%
XYZ	44.2597, 27.7851, 35.3781
YIQ	142.2810, 64.0420, 50.8420

Conversions

Conversions Part 2

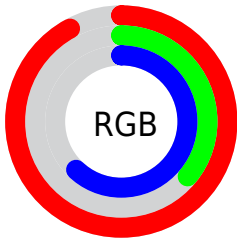
Format	Color
R _Y B	235, 92, 158
Decimal	15424670
CIE Lab	59.69, 61.28, -6.99
CIE LCh	60, 61.679, 353.494
Yxy	27.7851, 0.4120, 0.2587
Android (android.graphics.Color)	4293614750 (0xFFEB5C9E)
YUV	142.2810, 7.7495, 81.3146
Hunter-Lab	52.7116, 57.6337, -2.8952

Details

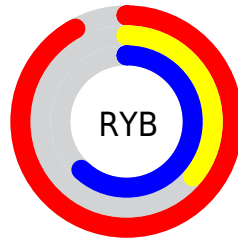
The XYZ color **44.2597, 27.7851, 35.3781** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **41.2850, 64.5574, 47.8248**, and the grayscale version is **25.7761, 27.1184, 29.5320**.

A 20% lighter version of the original color is **63.9977, 47.5590, 68.7575**, and **20.7724, 11.0542, 14.9488** is the 20% darker color. If you saturate the color by 10%, you get **41.4966, 23.9132, 29.3568**, and if you desaturate by 10%, it is **47.7677, 32.9670, 42.2016**.

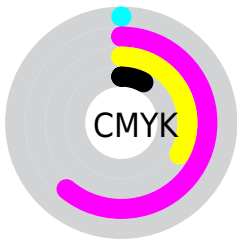
Distribution



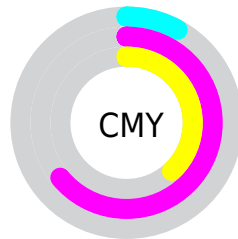
- Red (92%)
- Green (36%)
- Blue (62%)



- Red (92%)
- Yellow (36%)
- Blue (62%)



- Cyan (0%)
- Magenta (61%)
- Yellow (33%)
- Black (8%)





- Cyan (8%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2597, 27.7851, 35.3781 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 44.2597, 27.7851, 35.3781 by changing the saturation by 10% instead.


 44.2597, 27.7851,
35.3781


 44.2597, 27.7851,
35.3781

354.6013,
291.4386, 341.1889

 31.0735, 18.1637,
23.6684


 80.8523, 56.1412,
69.2293


 20.8069, 11.0676,
14.8779


 104.9895, 75.6446,
92.2079

 13.0946, 6.1123,
8.5881


 133.5076, 99.2109,
119.7798

 7.5712, 2.9135,
4.3804

 166.7722,
127.2245, 152.3636

 3.8713, 1.0867,
1.8362

205.1485,
160.0696, 190.3779

 1.6296, 0.0000,
0.4517

249.0019,

 0.4116, 0.0000,

198.1307, 234.2412

0.0000

298.6977,
241.7923, 284.3720

■ 0.0000, 0.0000,
0.0000

■ 44.2597, 27.7851,
35.3781

■ 44.2597, 27.7851,
35.3781

■ 41.4966, 23.9132,
29.3568

■ 47.7677, 32.9670,
42.2016

■ 39.4121, 21.2245,
24.0983

■ 52.0743, 39.5616,
49.8604

■ 37.9311, 19.5744,
19.5602

■ 57.2308, 47.6661,
58.3872

■ 36.9921, 18.7546,
15.9851

■ 63.2831, 57.3680,
67.8121

■ 70.2740, 68.7479,
78.1634

■ 78.2432, 81.8810,
89.4681

■ 86.7451, 95.8718,
101.5911

■ 88.0710, 96.4022,
108.5734

Harmonies

Analogous

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



40.3695, 27.7851, 63.6177



44.2597, 27.7851, 35.3781



42.6635, 27.7851, 16.1728

Triad

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



44.2597, 27.7851, 35.3781



20.8768, 27.7851, 5.5022



18.4634, 27.7851, 79.4871

Complementary

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



44.2597, 27.7851, 35.3781



41.2850, 64.5574, 47.8248

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.



14.9170, 27.7851, 50.7773



44.2597, 27.7851, 35.3781



16.1069, 27.7851, 11.2377

Square

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



44.2597, 27.7851, 35.3781



28.1425, 27.7851, 4.5151



14.1481, 27.7851, 25.6489



24.7480, 27.7851, 96.0147

Rectangle

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



44.2597, 27.7851, 35.3781



38.8322, 27.7851, 9.2924



14.1481, 27.7851, 25.6489



16.9657, 27.7851, 70.4210

Sweetspot

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



44.2605, 27.7865, 35.3786



78.3878, 72.6391, 84.9610



35.0294, 22.0084, 80.9993



16.2784, 14.7384, 17.4317



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.



44.2605, 27.7865, 35.3786



49.2552, 27.8563, 33.6857



40.4470, 26.9428, 13.1957



15.3547, 15.1697, 17.1529



20.6507, 10.4630, 9.2279



1.6697, 0.8408, 0.9779

Inverse Universe

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



44.2605, 27.7865, 35.3786



49.2552, 27.8563, 33.6857



47.7718, 64.9978, 88.6255



15.3547, 15.1697, 17.1529



20.6507, 10.4630, 9.2279



1.6697, 0.8408, 0.9779

Previews

White Background



This preview shows how the XYZ color 44.2597, 27.7851, 35.3781 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 44.2597, 27.7851, 35.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

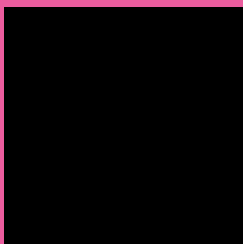
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.2597, 27.7851, 35.3781

Background



This preview shows how black text looks on a background with the XYZ color 44.2597, 27.7851, 35.3781.



This preview shows how white text looks on a background with the XYZ color 44.2597, 27.7851,

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

44.2597, 27.7851, 35.3781

Protanopia

28.4370, 27.9329, 53.1830

Deuteranopia

28.4816, 27.9591, 33.1737



Tritanopia

40.6197, 27.8152, 17.9798

Trichromacy



Original Color

44.2597, 27.7851, 35.3781

Protanomaly

31.7065, 26.1050, 46.0155

Deuteranomaly

32.6829, 26.6894, 34.0008

Tritanomaly

41.5713, 27.6118, 23.2172

Monochromacy



Original Color

44.2597, 27.7851, 35.3781

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

30.4574, 25.7835, 31.3884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2597, 27.7851, 35.3781 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, 92, 158)` looks like.

```
.text, #text, p{  
    color:rgb(235, 92, 158)  
}
```

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, 92, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 92, 158) }
```

Border

The CSS property to change the border of an element to XYZ 44.2597, 27.7851, 35.3781 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, 92, 158) }
```


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

```
.border{ border-color:rgb(235, 92, 158) }
```

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

Here you see how a box with a 4 pixel rgb(235, 92, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 92, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 92, 158);  
box-shadow:4px 4px 4px 4px rgb(235, 92,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2597, 27.7851, 35.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 92, 158) }
```

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

```
.background{ background-color: rgb(235, 92,  
158) }
```

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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