

Converting Colors

XYZ(43.9415, 25.8193, 36.0872)

Have a look what the booklet for
XYZ(43.9415, 25.8193, 36.0872)
contains.

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Color

**XYZ(43.9241, 25.8503,
35.9323)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | ED4DA0 |
| RGB | 237, 77, 160 |
| RGB Percent | 93%, 30%, 63% |
| CMY | 0.0706, 0.6980, 0.3725 |
| CMYK | 0.00, 0.68, 0.32, 0.07 |
| HSL | 329°, 82%, 62% |
| HSV | 329°, 68%, 93% |
| XYZ | 43.9241, 25.8503, 35.9323 |
| YIQ | 134.3020, 68.7170, 59.7330 |

Conversions

Conversions Part 2

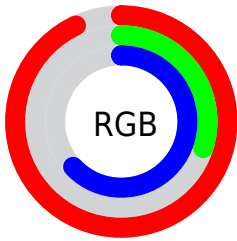
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 237, 77, 160 |
| Decimal | 15551904 |
| CIE _{Lab} | 57.89, 68.06, -10.81 |
| CIE _{LCh} | 58, 68.908, 350.979 |
| Yxy | 25.8503, 0.4155, 0.2445 |
| Android (android.graphics.Color) | 4293741984 (0xFFED4DA0) |
| YUV | 134.3020, 12.6691, 90.0661 |
| Hunter-Lab | 50.8432, 65.2329, -6.3117 |

Details

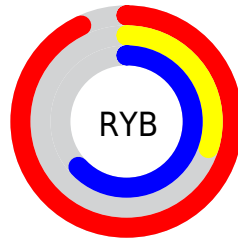
The XYZ color **43.9241, 25.8503, 35.9323** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **39.1790, 64.4800, 40.9566**, and the grayscale version is **22.7095, 23.8921, 26.0186**.

A 20% lighter version of the original color is **62.3099, 43.7746, 69.4552**, and **20.8918, 10.4512, 15.3842** is the 20% darker color. If you saturate the color by 10%, you get **41.6048, 22.7360, 30.4600**, and if you desaturate by 10%, it is **46.9401, 30.2113, 42.0890**.

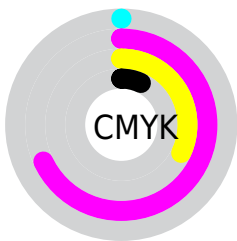
Distribution



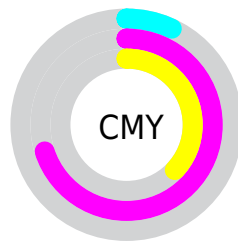
- Red (93%)
- Green (30%)
- Blue (63%)



- Red (93%)
- Yellow (30%)
- Blue (63%)



- Cyan (0%)
- Magenta (68%)
- Yellow (32%)
- Black (7%)





- Cyan (7%)
- Magenta (70%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9241, 25.8503, 35.9323 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 43.9241, 25.8503, 35.9323 by changing the saturation by 10% instead.


 43.9241, 25.8503,
35.9323


 43.9241, 25.8503,
35.9323


353.2559,
282.0464, 343.6930

 30.8085, 16.7117,
24.0926


 80.3506, 53.0333,
70.0954


 20.6042, 10.0291,
15.1895


 104.3922, 71.8466,
93.2560

 12.9458, 5.4183,
8.8044

 132.8064, 94.6534,
121.0272

 7.4680, 2.4947,
4.5188

 165.9588,
121.8384, 153.8277

 3.8054, 0.8740,
1.9140

204.2146,
153.7857, 192.0760

 1.5926, 0.0000,
0.5016

247.9391,

 0.3876, 0.0000,

190.8799, 236.1906

0.0000

297.4978,
233.5054, 286.5901

■ 0.0000, 0.0000,
0.0000

■ 43.9241, 25.8503,
35.9323

■ 43.9241, 25.8503,
35.9323

■ 41.6048, 22.7360,
30.4600

■ 46.9401, 30.2113,
42.0890

■ 39.9084, 20.7250,
25.6347

■ 50.7119, 35.9337,
48.9609

■ 38.7411, 19.6336,
21.4128


■ 55.2944, 43.1235,
56.5775

■ 38.4964, 19.4331,
20.4406


■ 60.7365, 51.8751,
64.9660

■ 67.0830, 62.2747,
74.1518

 74.3757, 74.4026,
84.1590

 82.6536, 88.3334,
95.0104

 88.1372, 96.5054,
105.4558

 88.7351, 96.7446,
108.6045

Harmonies

Analogous

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



39.1581, 25.8503, 67.8041



43.9241, 25.8503, 35.9323



42.6698, 25.8503, 14.7576

Triad

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



43.9241, 25.8503, 35.9323



19.2915, 25.8503, 3.4137



15.8353, 25.8503, 80.6256

Complementary

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



43.9241, 25.8503, 35.9323



39.1790, 64.4800, 40.9566

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.



12.4856, 25.8503, 47.8678



43.9241, 25.8503, 35.9323



14.1465, 25.8503, 8.0725

Square

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



43.9241, 25.8503, 35.9323



27.1562, 25.8503, 2.8452



11.9460, 25.8503, 21.5755



22.1533, 25.8503, 101.6353

Rectangle

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



43.9241, 25.8503, 35.9323



38.6823, 25.8503, 7.5639



11.9460, 25.8503, 21.5755



14.3902, 25.8503, 69.9743

Sweetspot

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



43.9249, 25.8517, 35.9328



77.1798, 70.1845, 84.6775



30.8281, 18.0672, 81.9834



16.0604, 14.2686, 17.4635



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.



43.9249, 25.8517, 35.9328



48.2818, 25.7974, 33.7067



39.1157, 23.9280, 10.6080



15.3918, 15.1846, 17.3483



21.0844, 10.6364, 11.5115



1.7042, 0.8547, 1.1599

Inverse Universe

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



43.9249, 25.8517, 35.9328



48.2818, 25.7974, 33.7067



47.8638, 67.9540, 86.6901



15.3918, 15.1846, 17.3483



21.0844, 10.6364, 11.5115



1.7042, 0.8547, 1.1599

Previews

White Background



This preview shows how the XYZ color 43.9241, 25.8503, 35.9323 looks on a white background.

Color Contrast Check

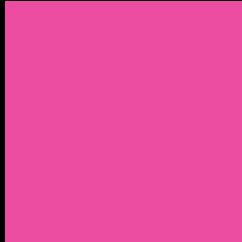
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.9241, 25.8503, 35.9323 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 43.9241, 25.8503, 35.9323

Background



This preview shows how black text looks on a background with the XYZ color 43.9241, 25.8503, 35.9323.



This preview shows how white text looks on a background with the XYZ color 43.9241, 25.8503,

35.9323.

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

43.9241, 25.8503, 35.9323

Protanopia

27.2141, 26.0775, 59.4762

Deuteranopia

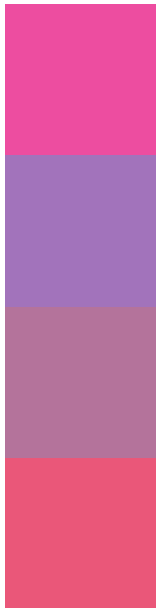
26.5043, 26.0784, 33.3425



Tritanopia

39.3105, 25.6919, 14.4424

Trichromacy



Original Color

43.9241, 25.8503, 35.9323

Protanomaly

30.0007, 23.5307, 49.9744

Deuteranomaly

30.8695, 24.3313, 34.0798

Tritanomaly

40.7911, 25.6893, 20.8978

Monochromacy



Original Color

43.9241, 25.8503, 35.9323

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

27.6576, 22.4514, 28.8624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9241, 25.8503, 35.9323 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(237, 77, 160)` looks like.

```
.text, #text, p{  
    color:rgb(237, 77, 160)  
}
```

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(237, 77, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 77, 160) }
```

Border

The CSS property to change the border of an element to XYZ 43.9241, 25.8503, 35.9323 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(237, 77, 160) }
```


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

```
.border{ border-color:rgb(237, 77, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 77, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 77, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 77, 160);  
box-shadow:4px 4px 4px 4px rgb(237, 77,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9241, 25.8503, 35.9323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 77, 160) }
```

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

```
.background{ background-color: rgb(237, 77,  
160) }
```

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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