

Converting Colors

XYZ(43.8547, 25.7115, 35.9091)

Have a look what the booklet for
XYZ(43.8547, 25.7115, 35.9091)
contains.

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Color

**XYZ(43.8547, 25.7115,
35.9091)**

Conversions

Conversions Part 1

Format	Color
Hex	ED4CA0
RGB	237, 76, 160
RGB Percent	93%, 30%, 63%
CMY	0.0706, 0.7019, 0.3725
CMYK	0.00, 0.68, 0.32, 0.07
HSL	329°, 82%, 61%
HSV	329°, 68%, 93%
XYZ	43.8547, 25.7115, 35.9091
YIQ	133.7150, 68.9920, 60.2560

Conversions

Conversions Part 2

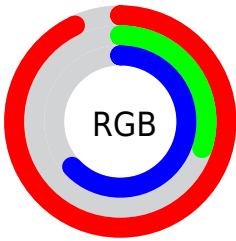
Format	Color
R _Y B	237, 76, 160
Decimal	15551648
CIE Lab	57.76, 68.42, -11.00
CIE LCh	58, 69.302, 350.864
Yxy	25.7115, 0.4158, 0.2438
Android (android.graphics.Color)	4293741728 (0xFFED4CA0)
YUV	133.7150, 12.9585, 90.5809
Hunter-Lab	50.7065, 65.6435, -6.4932

Details

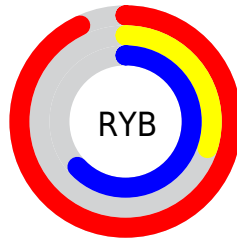
The XYZ color **43.8547, 25.7115, 35.9091** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **39.0161, 64.4056, 40.5163**, and the grayscale version is **22.4932, 23.6646, 25.7707**.

A 20% lighter version of the original color is **62.1697, 43.4942, 69.4085**, and **20.8918, 10.4512, 15.3842** is the 20% darker color. If you saturate the color by 10%, you get **41.5651, 22.6475, 30.4744**, and if you desaturate by 10%, it is **46.8373, 30.0164, 42.0213**.

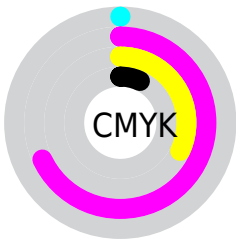
Distribution



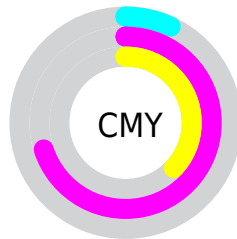
- Red (93%)
- Green (30%)
- Blue (63%)



- 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 43.8547, 25.7115, 35.9091 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 43.8547, 25.7115, 35.9091 by changing the saturation by 10% instead.


 43.8547, 25.7115,
35.9091


 43.8547, 25.7115,
35.9091


352.9773,
281.3630, 343.5884


 30.7537, 16.6079,
24.0749


 80.2468, 52.8092,
70.0592


 20.5623, 9.9554,
15.1764


 104.2685, 71.5720,
93.2122

 12.9151, 5.3694,
8.7953


 132.6613, 94.3235,
120.9751

 7.4467, 2.4656,
4.5129

 165.7904,
121.4479, 153.7665

 3.7918, 0.8593,
1.9107

204.0212,
153.3296, 192.0051

 1.5850, 0.0000,
0.4996

247.7190,

 0.3826, 0.0000,

190.3531, 236.1092

0.0000

297.2493,
232.9028, 286.4975

■ 0.0000, 0.0000,
0.0000

■ 43.8547, 25.7115,
35.9091

■ 43.8547, 25.7115,
35.9091

■ 41.5651, 22.6475,
30.4744

■ 46.8373, 30.0164,
42.0213

■ 39.8940, 20.6799,
25.6800

■ 50.5721, 35.6776,
48.8416


■ 38.7440, 19.6174,
21.4812


■ 55.1143, 42.8015,
56.3996


■ 38.5409, 19.4509,
20.6747


■ 60.5129, 51.4829,
64.7222

■ 66.8131, 61.8084,
73.8348

 74.0564, 73.8584,
83.7612

 82.2820, 87.7078,
94.5241

 88.0479, 96.4697,
104.9856

 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.



39.0469, 25.7115, 67.9558



43.8547, 25.7115, 35.9091



42.6185, 25.7115, 14.6544

Triad

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



43.8547, 25.7115, 35.9091



19.1770, 25.7115, 3.3098



15.6758, 25.7115, 80.6128

Complementary

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



43.8547, 25.7115, 35.9091



39.0161, 64.4056, 40.5163

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.



12.3404, 25.7115, 47.6633



43.8547, 25.7115, 35.9091



14.0204, 25.7115, 7.9053

Square

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



43.8547, 25.7115, 35.9091



27.0642, 25.7115, 2.7604



11.8122, 25.7115, 21.3393



21.9875, 25.7115, 101.8522

Rectangle

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



43.8547, 25.7115, 35.9091



38.6251, 25.7115, 7.4589



11.8122, 25.7115, 21.3393



14.2353, 25.7115, 69.8834

Sweetspot

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



43.8555, 25.7129, 35.9096



77.2013, 70.1931, 84.7905



30.6594, 17.8772, 81.9557



16.0655, 14.2706, 17.4906



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.



43.8555, 25.7129, 35.9096



48.1287, 25.5724, 33.4053



39.0096, 23.7745, 10.3916



15.3937, 15.1853, 17.3585



21.1087, 10.6462, 11.6396



1.7061, 0.8554, 1.1699

Inverse Universe

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



43.8555, 25.7129, 35.9096



48.1287, 25.5724, 33.4053



47.7790, 67.9108, 86.6615



15.3937, 15.1853, 17.3585



21.1087, 10.6462, 11.6396



1.7061, 0.8554, 1.1699

Previews

White Background



This preview shows how the XYZ color 43.8547, 25.7115, 35.9091 looks on a white background.

Color Contrast Check

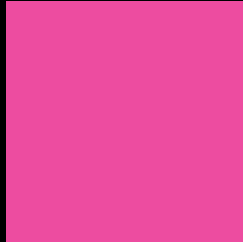
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8547, 25.7115, 35.9091 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 43.8547, 25.7115, 35.9091

Background



This preview shows how black text looks on a background with the XYZ color 43.8547, 25.7115, 35.9091.



This preview shows how white text looks on a background with the XYZ color 43.8547, 25.7115,

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

43.8547, 25.7115, 35.9091

Protanopia

27.0775, 26.0071, 59.4699

Deuteranopia

26.3641, 25.7980, 33.2957



Tritanopia

39.3105, 25.6919, 14.4424

Trichromacy



Original Color

43.8547, 25.7115, 35.9091



Protanomaly

29.7983, 23.4264, 49.9649



Deuteranomaly

30.7561, 24.1045, 34.0420



Tritanomaly

40.7107, 25.5285, 20.8710

Monochromacy



Original Color

43.8547, 25.7115, 35.9091



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 43.8547, 25.7115, 35.9091 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, 76, 160)` looks like.

```
.text, #text, p{  
    color:rgb(237, 76, 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, 76, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 76, 160) }
```

Border

The CSS property to change the border of an element to XYZ 43.8547, 25.7115, 35.9091 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, 76, 160) }
```


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

```
.border{ border-color:rgb(237, 76, 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, 76, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 76, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 76, 160);  
box-shadow:4px 4px 4px 4px rgb(237, 76,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8547, 25.7115, 35.9091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 76, 160) }
```

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

```
.background{ background-color: rgb(237, 76,  
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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