

Converting Colors

XYZ(44.9560, 25.3509, 52.2941)

Have a look what the booklet for
XYZ(44.9560, 25.3509, 52.2941)
contains.

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Color

**XYZ(44.9833, 25.3419,
52.3898)**

Conversions

Conversions Part 1

Format	Color
Hex	E846C0
RGB	232, 70, 192
RGB Percent	91%, 27%, 75%
CMY	0.0902, 0.7255, 0.2471
CMYK	0.00, 0.70, 0.17, 0.09
HSL	315°, 78%, 59%
HSV	315°, 70%, 91%
XYZ	44.9833, 25.3419, 52.3898
YIQ	132.3460, 57.3900, 72.2860

Conversions

Conversions Part 2

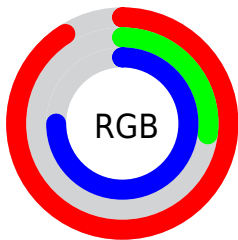
Format	Color
RYB	232, 70, 192
Decimal	15222464
CIELab	57.41, 73.24, -30.16
CIELCh	57, 79.206, 337.621
Yxy	25.3419, 0.3666, 0.2065
Android (android.graphics.Color)	4293412544 (0xFFE846C0)
YUV	132.3460, 29.4094, 87.3966
Hunter-Lab	50.3407, 71.4071, -26.4648

Details

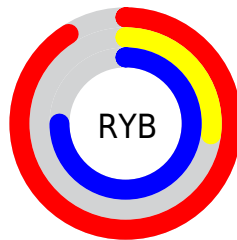
The XYZ color **44.9833, 25.3419, 52.3898** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **34.1982, 60.1420, 24.5606**, and the grayscale version is **21.9411, 23.0837, 25.1382**.

A 20% lighter version of the original color is **66.3215, 44.0648, 94.6324**, and **21.6007, 10.6056, 24.9534** is the 20% darker color. If you saturate the color by 10%, you get **43.1797, 22.7305, 48.7176**, and if you desaturate by 10%, it is **47.3735, 29.0861, 56.3798**.

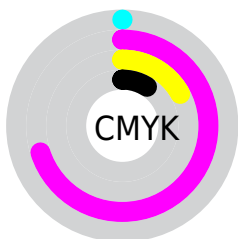
Distribution



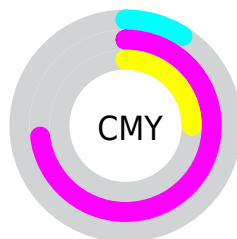
- Red (91%)
- Green (27%)
- Blue (75%)



- Red (91%)
- Yellow (27%)
- Blue (75%)



- Cyan (0%)
- Magenta (70%)
- Yellow (17%)
- Black (9%)



- Cyan (9%)
- Magenta (73%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9833, 25.3419, 52.3898 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 44.9833, 25.3419, 52.3898 by changing the saturation by 10% instead.


 44.9833, 25.3419,
52.3898


 44.9833, 25.3419,
52.3898

357.4908,
279.5364, 412.9393


 31.6455, 16.3320,
36.9315


 81.9326, 52.2113,
95.1383


 21.2451, 9.7594,
24.8591


 106.2747, 70.8396,
123.2655


 13.4168, 5.2397,
15.7540


 135.0158, 93.4429,
156.4529

 7.7951, 2.3886,
9.1978

 168.5210,
120.4054, 195.1188

 4.0148, 0.8200,
4.7719

 207.1557,
152.1116, 239.6818

 1.7105, 0.0000,
2.0576

251.2853,

 0.4628, 0.0000,

188.9459, 290.5606

0.5904

301.2752,
231.2927, 348.1736

■ 0.0000, 0.0000,
0.0000

■ 44.9833, 25.3419,
52.3898

■ 44.9833, 25.3419,
52.3898

■ 43.1797, 22.7305,
48.7176

■ 47.3735, 29.0861,
56.3798

■ 41.8912, 21.1106,
45.3375

■ 50.4058, 34.0749,
60.7069


■ 41.0030, 20.2526,
42.2100


■ 54.1318, 40.4108,
65.3899


■ 40.9887, 20.2398,
42.1563

■ 58.5972, 48.1846,
70.4452

■ 63.8436, 57.4792,
75.8880

 69.9095, 68.3712,
81.7324

 76.8309, 80.9320,
87.9917

 84.4466, 94.8390,
94.6133

 85.3012, 95.1808,
99.1133

Harmonies

Analogous

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



36.9017, 25.3419, 92.3258



44.9833, 25.3419, 52.3898



46.8319, 25.3419, 21.2775

Triad

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



44.9833, 25.3419, 52.3898



21.7667, 25.3419, 1.5107



12.4123, 25.3419, 72.8347

Complementary

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



44.9833, 25.3419, 52.3898



34.1982, 60.1420, 24.5606

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.



10.2384, 25.3419, 35.0489



44.9833, 25.3419, 52.3898



14.6462, 25.3419, 3.5391

Square

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



44.9833, 25.3419, 52.3898



31.6510, 25.3419, 2.0636



10.9334, 25.3419, 12.1955



17.8352, 25.3419, 108.5630

Rectangle

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



44.9833, 25.3419, 52.3898



43.9315, 25.3419, 9.8701



10.9334, 25.3419, 12.1955



11.3515, 25.3419, 59.2525

Sweetspot

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



44.9841, 25.3432, 52.3903



78.2252, 69.6408, 93.1480



22.9172, 13.3838, 77.7199



16.3435, 14.1951, 19.5301



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.



44.9841, 25.3432, 52.3903



52.6995, 27.1015, 58.3978



38.4620, 22.7343, 18.0449



14.8350, 14.5512, 17.3316



22.8077, 11.2573, 23.6802



1.7217, 0.8464, 1.9409

Inverse Universe

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



44.9841, 25.3432, 52.3903



52.6995, 27.1015, 58.3978



40.5472, 62.6816, 57.9937



14.8350, 14.5512, 17.3316



22.8077, 11.2573, 23.6802



1.7217, 0.8464, 1.9409

Previews

White Background



This preview shows how the XYZ color 44.9833, 25.3419, 52.3898 looks on a white background.

Color Contrast Check

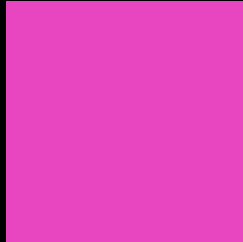
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.9833, 25.3419, 52.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

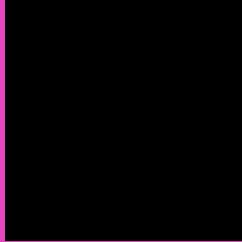
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.9833, 25.3419, 52.3898

Background



This preview shows how black text looks on a background with the XYZ color 44.9833, 25.3419, 52.3898.



This preview shows how white text looks on a background with the XYZ color 44.9833, 25.3419,

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

44.9833, 25.3419, 52.3898

Protanopia

29.0759, 25.9468, 89.8620

Deuteranopia

26.0001, 25.4977, 47.8072



Tritanopia

37.4633, 25.3760, 15.7555

Trichromacy



Original Color

44.9833, 25.3419, 52.3898



Protanomaly

30.2271, 22.4353, 74.6888



Deuteranomaly

30.1741, 23.1328, 49.3291



Tritanomaly

39.4599, 24.8966, 25.6474

Monochromacy



Original Color

44.9833, 25.3419, 52.3898



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

27.4498, 21.5952, 33.2934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9833, 25.3419, 52.3898 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(232, 70, 192)` looks like.

```
.text, #text, p{  
    color:rgb(232, 70, 192)  
}
```

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(232, 70, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 70, 192) }
```

Border

The CSS property to change the border of an element to XYZ 44.9833, 25.3419, 52.3898 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(232, 70, 192) }
```


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

```
.border{ border-color:rgb(232, 70, 192) }
```

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

Here you see how a box with a 4 pixel rgb(232, 70, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 70, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 70, 192);  
box-shadow:4px 4px 4px 4px rgb(232, 70,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9833, 25.3419, 52.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 70, 192) }
```

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

```
.background{ background-color: rgb(232, 70,  
192) }
```

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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