

Converting Colors

XYZ(44.8334, 25.4643, 34.3820)

Have a look what the booklet for
XYZ(44.8334, 25.4643, 34.3820)
contains.

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Color

**XYZ(44.7709, 25.4458,
34.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	F2449D
RGB	242, 68, 157
RGB Percent	95%, 27%, 62%
CMY	0.0510, 0.7333, 0.3843
CMYK	0.00, 0.72, 0.35, 0.05
HSL	329°, 87%, 61%
HSV	329°, 72%, 95%
XYZ	44.7709, 25.4458, 34.4501
YIQ	130.1720, 75.1350, 64.5670

Conversions

Conversions Part 2

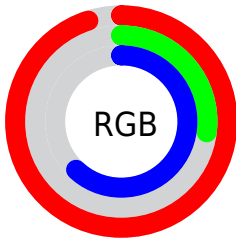
Format	Color
R _Y B	242, 68, 157
Decimal	15877277
CIE Lab	57.51, 72.19, -9.55
CIE LCh	58, 72.822, 352.468
Yxy	25.4458, 0.4277, 0.2431
Android (android.graphics.Color)	4294067357 (0xFFFF2449D)
YUV	130.1720, 13.2262, 98.0732
Hunter-Lab	50.4438, 70.1491, -5.1808

Details

The XYZ color **44.7709, 25.4458, 34.4501** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **39.8875, 67.0340, 40.9782**, and the grayscale version is **21.2166, 22.3215, 24.3081**.

A 20% lighter version of the original color is **60.9739, 41.7140, 67.1253**, and **21.6576, 10.8644, 14.5912** is the 20% darker color. If you saturate the color by 10%, you get **42.6362, 22.7144, 28.9972**, and if you desaturate by 10%, it is **47.6083, 29.4261, 40.6196**.

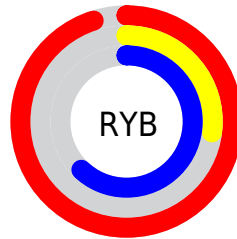
Distribution



Red (95%)

Green (27%)

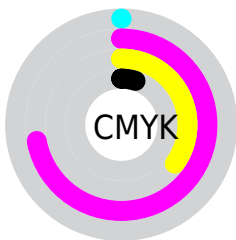
Blue (62%)



Red (95%)

Yellow (27%)

Blue (62%)

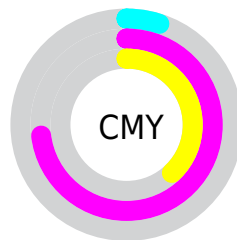


Cyan (0%)

Magenta (72%)

Yellow (35%)

Black (5%)



Cyan (5%)


Magenta (73%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7709, 25.4458, 34.4501 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 44.7709, 25.4458, 34.4501 by changing the saturation by 10% instead.


 44.7709, 25.4458,
34.4501

 44.7709, 25.4458,
34.4501


356.6442,
280.0508, 336.9646

 31.4775, 16.4095,
22.9594


 81.6157, 52.3795,
67.7749

 21.1163, 9.8144,
14.3585


 105.8978, 71.0457,
90.4461


 13.3220, 5.2761,
8.2289


 134.5736, 93.6907,
117.6812

 7.7292, 2.4101,
4.1519

 168.0083,
120.6988, 149.8988

 3.9725, 0.8311,
1.7090

 206.5674,
152.4545, 187.5174

 1.6866, 0.0000,
0.3669

250.6162,

 0.4479, 0.0000,

189.3422, 230.9555

0.0000

300.5200,
231.7461, 280.6318

■ 0.0000, 0.0000,
0.0000

■ 44.7709, 25.4458,
34.4501

■ 44.7709, 25.4458,
34.4501

■ 42.6362, 22.7144,
28.9972

■ 47.6083, 29.4261,
40.6196

■ 41.1196, 21.0673,
24.2184


■ 51.2150, 34.7847,
47.5404

■ 40.2419, 20.3268,
20.7967


■ 55.6520, 41.6391,
55.2455


■ 60.9731, 50.0930,
63.7649

■ 67.2273, 60.2409,
73.1269

 74.4600, 72.1699,
83.3577

 82.7136, 85.9609,
94.4825

 89.8823, 97.3990,
105.8101

 90.4280, 97.6173,
108.6837

Harmonies

Analogous

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



39.9667, 25.4458, 68.1749



44.7709, 25.4458, 34.4501



43.1007, 25.4458, 13.1688

Triad

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



44.7709, 25.4458, 34.4501



18.3558, 25.4458, 2.8586



15.3823, 25.4458, 85.4587

Complementary

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



44.7709, 25.4458, 34.4501



39.8875, 67.0340, 40.9782

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.



11.8164, 25.4458, 50.2593



44.7709, 25.4458, 34.4501



13.2249, 25.4458, 7.6071

Square

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



44.7709, 25.4458, 34.4501



26.4380, 25.4458, 2.2084



11.1340, 25.4458, 21.9053



22.0647, 25.4458, 107.1456

Rectangle

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



44.7709, 25.4458, 34.4501



38.6903, 25.4458, 6.3523



11.1340, 25.4458, 21.9053



13.8518, 25.4458, 74.0798

Sweetspot

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



44.7716, 25.4472, 34.4505



75.5876, 67.6397, 82.1749



31.0635, 17.2320, 85.6934



15.7470, 13.7727, 16.9556



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.



44.7716, 25.4472, 34.4505



47.1964, 24.6375, 30.2287



39.8203, 23.4666, 8.3770



16.1102, 15.8938, 18.1368



21.6876, 10.9475, 11.5374



1.8545, 0.9308, 1.2245

Inverse Universe

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



44.7716, 25.4472, 34.4505



47.1964, 24.6375, 30.2287



49.7317, 70.9716, 92.8169



16.1102, 15.8938, 18.1368



21.6876, 10.9475, 11.5374



1.8545, 0.9308, 1.2245

Previews

White Background



This preview shows how the XYZ color 44.7709, 25.4458, 34.4501 looks on a white background.

Color Contrast Check

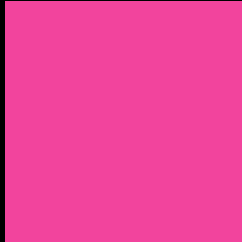
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.7709, 25.4458, 34.4501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

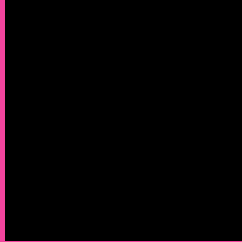
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.7709, 25.4458, 34.4501

Background



This preview shows how black text looks on a background with the XYZ color 44.7709, 25.4458, 34.4501.



This preview shows how white text looks on a background with the XYZ color 44.7709, 25.4458,

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

44.7709, 25.4458, 34.4501

Protanopia

26.7861, 25.6331, 60.0358

Deuteranopia

26.0831, 25.4842, 31.5612



Tritanopia

40.1412, 25.4154, 12.6875

Trichromacy



Original Color

44.7709, 25.4458, 34.4501



Protanomaly

29.4477, 22.5954, 49.2637



Deuteranomaly

30.4532, 23.3313, 32.1765



Tritanomaly

41.4871, 25.1805, 18.8934

Monochromacy



Original Color

44.7709, 25.4458, 34.4501



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

26.7859, 21.0668, 27.4655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7709, 25.4458, 34.4501 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(242, 68, 157)` looks like.

```
.text, #text, p{  
    color:rgb(242, 68, 157)  
}
```

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(242, 68, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 68, 157) }
```

Border

The CSS property to change the border of an element to XYZ 44.7709, 25.4458, 34.4501 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(242, 68, 157) }
```


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

```
.border{ border-color:rgb(242, 68, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 68, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 68, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 68, 157);  
box-shadow:4px 4px 4px 4px rgb(242, 68,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7709, 25.4458, 34.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 68, 157) }
```

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

```
.background{ background-color: rgb(242, 68,  
157) }
```

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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