

Converting Colors

XYZ(44.5018, 25.4251, 45.7507)

Have a look what the booklet for
XYZ(44.5018, 25.4251, 45.7507)
contains.

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Color

**XYZ(44.4873, 25.4224,
45.7423)**

Conversions

Conversions Part 1

Format	Color
Hex	EA48B4
RGB	234, 72, 180
RGB Percent	92%, 28%, 71%
CMY	0.0824, 0.7176, 0.2941
CMYK	0.00, 0.69, 0.23, 0.08
HSL	320°, 79%, 60%
HSV	320°, 69%, 92%
XYZ	44.4873, 25.4224, 45.7423
YIQ	132.7500, 61.8840, 67.9320

Conversions

Conversions Part 2

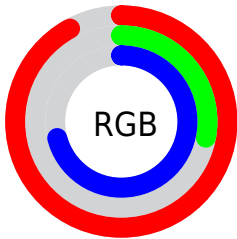
Format	Color
RYB	234, 72, 180
Decimal	15354036
CIELab	57.48, 71.47, -23.09
CIElCh	57, 75.106, 342.094
Yxy	25.4224, 0.3847, 0.2198
Android (android.graphics.Color)	4293544116 (0xFFEA48B4)
YUV	132.7500, 23.2942, 88.7963
Hunter-Lab	50.4206, 69.2586, -18.4943

Details

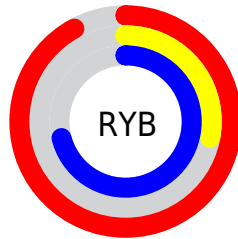
The XYZ color **44.4873, 25.4224, 45.7423** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **35.8626, 61.7307, 29.7667**, and the grayscale version is **22.1072, 23.2585, 25.3285**.

A 20% lighter version of the original color is **64.6316, 43.8187, 84.4083**, and **21.2863, 10.5310, 20.9894** is the 20% darker color. If you saturate the color by 10%, you get **42.4796, 22.6428, 41.2621**, and if you desaturate by 10%, it is **47.1167, 29.3731, 50.6508**.

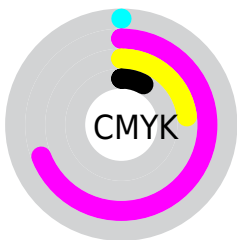
Distribution



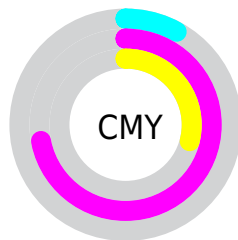
- Red (92%)
- Green (28%)
- Blue (71%)



- Red (92%)
- Yellow (28%)
- Blue (71%)



- Cyan (0%)
- Magenta (69%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (72%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4873, 25.4224, 45.7423 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 44.4873, 25.4224, 45.7423 by changing the saturation by 10% instead.

 44.4873, 25.4224,
45.7423


 44.4873, 25.4224,
45.7423

355.5119,
279.9350, 386.0191

 31.2533, 16.3920,
31.6953


 81.1923, 52.3417,
85.1634


 20.9446, 9.8020,
20.8660


 105.3941, 70.9993,
111.3746

 13.1957, 5.2679,
12.8358


 133.9825, 93.6349,
142.4777

 7.6414, 2.4053,
7.1862

 167.3230,
120.6328, 178.8911

 3.9162, 0.8286,
3.4986

 205.7808,
152.3773, 221.0334

 1.6548, 0.0000,
1.3545

249.7213,

 0.4278, 0.0000,

189.2530, 269.3231

0.1059

299.5098,
231.6441, 324.1788

■ 0.0000, 0.0000,
0.0000

■ 44.4873, 25.4224,
45.7423

■ 44.4873, 25.4224,
45.7423

■ 42.4796, 22.6428,
41.2621

■ 47.1167, 29.3731,
50.6508

■ 41.0210, 20.8916,
37.1819

■ 50.4245, 34.6081,
56.0093


■ 40.0032, 19.9525,
33.4620


■ 54.4635, 41.2317,
61.8393


■ 39.9323, 19.8927,
33.1859


■ 59.2804, 49.3363,
68.1595

■ 64.9180, 59.0062,
74.9875

 71.4158, 70.3195,
82.3397

 78.8106, 83.3489,
90.2315

 85.7797, 95.4477,
98.2250

 86.9793, 95.9275,
104.5422

Harmonies

Analogous

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



37.6141, 25.4224, 82.6342



44.4873, 25.4224, 45.7423



45.1684, 25.4224, 18.5950

Triad

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



44.4873, 25.4224, 45.7423



20.7380, 25.4224, 2.0561



13.5210, 25.4224, 75.5298

Complementary

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



44.4873, 25.4224, 45.7423



35.8626, 61.7307, 29.7667

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.



10.9517, 25.4224, 39.3282



44.4873, 25.4224, 45.7423



14.3754, 25.4224, 4.8642

Square

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



44.4873, 25.4224, 45.7423



29.8427, 25.4224, 2.2929



11.2201, 25.4224, 15.1363



19.2543, 25.4224, 105.9144

Rectangle

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



44.4873, 25.4224, 45.7423



41.8462, 25.4224, 8.8988



11.2201, 25.4224, 15.1363



12.3307, 25.4224, 62.9376

Sweetspot

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



44.4881, 25.4237, 45.7428



77.5396, 69.3666, 89.5373



25.7744, 15.0125, 79.3817



16.1793, 14.1294, 18.6654



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.



44.4881, 25.4237, 45.7428



50.8153, 26.4928, 48.0284



38.5023, 23.0294, 14.2220



15.4890, 15.2234, 17.8601



22.5004, 11.2029, 18.9683



1.8111, 0.8974, 1.7228

Inverse Universe

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



44.4881, 25.4237, 45.7428



50.8153, 26.4928, 48.0284



43.3589, 64.7292, 69.2415



15.4890, 15.2234, 17.8601



22.5004, 11.2029, 18.9683



1.8111, 0.8974, 1.7228

Previews

White Background



This preview shows how the XYZ color 44.4873, 25.4224, 45.7423 looks on a white background.

Color Contrast Check

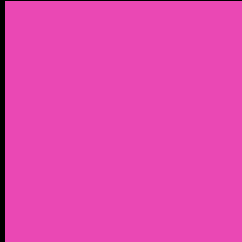
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.4873, 25.4224, 45.7423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

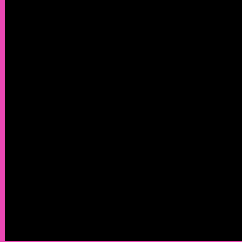
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.4873, 25.4224, 45.7423

Background



This preview shows how black text looks on a background with the XYZ color 44.4873, 25.4224, 45.7423.



This preview shows how white text looks on a background with the XYZ color 44.4873, 25.4224,

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

44.4873, 25.4224, 45.7423

Protanopia

28.0624, 25.6944, 77.6092

Deuteranopia

26.1465, 25.6995, 42.1105



Tritanopia

38.0302, 25.2759, 15.1862

Trichromacy



Original Color

44.4873, 25.4224, 45.7423



Protanomaly

29.9465, 22.6811, 64.4275



Deuteranomaly

30.3397, 23.5242, 42.9859



Tritanomaly

39.9902, 25.0903, 23.8543

Monochromacy



Original Color

44.4873, 25.4224, 45.7423



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

27.7670, 22.1169, 31.6597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4873, 25.4224, 45.7423 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(234, 72, 180)` looks like.

```
.text, #text, p{  
    color:rgb(234, 72, 180)  
}
```

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(234, 72, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 72, 180) }
```

Border

The CSS property to change the border of an element to XYZ 44.4873, 25.4224, 45.7423 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(234, 72, 180) }
```


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

```
.border{ border-color:rgb(234, 72, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 72, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 72, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 72, 180);  
box-shadow:4px 4px 4px 4px rgb(234, 72,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4873, 25.4224, 45.7423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 72, 180) }
```

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

```
.background{ background-color: rgb(234, 72,  
180) }
```

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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