

Converting Colors

XYZ(45.4281, 28.7399, 36.5548)

Have a look what the booklet for
XYZ(45.4281, 28.7399, 36.5548)
contains.

XYZ(45.3624, 28.7270, 36.4117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.3624, 28.7270,
36.4117)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5FA0
RGB	237, 95, 160
RGB Percent	93%, 37%, 63%
CMY	0.0706, 0.6274, 0.3725
CMYK	0.00, 0.60, 0.32, 0.07
HSL	333°, 80%, 65%
HSV	333°, 60%, 93%
XYZ	45.3624, 28.7270, 36.4117
YIQ	144.8680, 63.7670, 50.3190

Conversions

Conversions Part 2

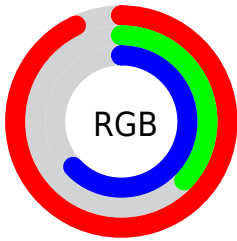
Format	Color
R _Y B	237, 95, 160
Decimal	15556512
CIE Lab	60.54, 60.83, -6.86
CIE LCh	61, 61.213, 353.569
Yxy	28.7270, 0.4105, 0.2600
Android (android.graphics.Color)	4293746592 (0xFFED5FA0)
YUV	144.8680, 7.4601, 80.7998
Hunter-Lab	53.5976, 57.2780, -2.7606

Details

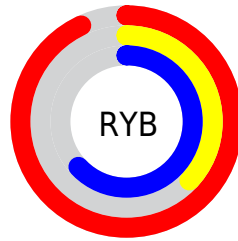
The XYZ color **45.3624, 28.7270, 36.4117** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **42.4515, 65.9806, 49.5316**, and the grayscale version is **26.8138, 28.2102, 30.7209**.

A 20% lighter version of the original color is **64.5724, 48.2995, 70.2094**, and **21.4356, 11.5390, 15.5655** is the 20% darker color. If you saturate the color by 10%, you get **42.4761, 24.6615, 30.1863**, and if you desaturate by 10%, it is **49.0158, 34.1402, 43.4667**.

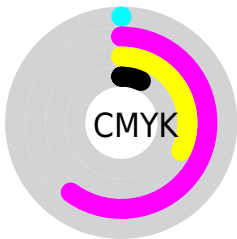
Distribution



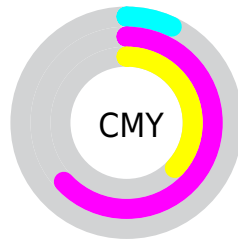
- Red (93%)
- Green (37%)
- Blue (63%)



- Red (93%)
- Yellow (37%)
- Blue (63%)



- Cyan (0%)
- Magenta (60%)
- Yellow (32%)
- Black (7%)





- Cyan (7%)
- Magenta (63%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3624, 28.7270, 36.4117 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 45.3624, 28.7270, 36.4117 by changing the saturation by 10% instead.


 45.3624, 28.7270,
36.4117


 45.3624, 28.7270,
36.4117

358.9984,
295.9247, 345.8481

 31.9455, 18.8744,
24.4601


 82.4977, 57.6431,
70.8432


 21.4752, 11.5796,
15.4599


 106.9467, 77.4753,
94.1603

 13.5862, 6.4581,
8.9926


 135.8039,
101.4029, 122.1028

 7.9132, 3.1256,
4.6396

 169.4345,
129.8102, 155.0895

 4.0908, 1.1976,
1.9824

208.2039,
163.0816, 193.5389

 1.7536, 0.0598,
0.5444

252.4774,

 0.4895, 0.0000,

201.6016, 237.8694

0.0000

302.6205,
245.7545, 288.4996

■ 0.0000, 0.0000,
0.0000

■ 45.3624, 28.7270,
36.4117

■ 45.3624, 28.7270,
36.4117

■ 42.4761, 24.6615,
30.1863

■ 49.0158, 34.1402,
43.4667

■ 40.2899, 21.8160,
24.7502

■ 53.4905, 41.0048,
51.3854

■ 38.7283, 20.0454,
20.0603

■ 58.8383, 49.4192,
60.2011

■ 37.6658, 19.1044,
16.0555

■ 65.1062, 59.4720,
69.9448

■ 37.6575, 19.0975,
16.0230

■ 72.3373, 71.2450,
80.6457

■ 80.5721, 84.8145,
92.3315

■ 87.9349, 96.4245,
104.3908

■ 88.7351, 96.7445,
108.6045

Harmonies

Analogous

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



41.4485, 28.7270, 64.9012



45.3624, 28.7270, 36.4117



43.7379, 28.7270, 16.9030

Triad

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



45.3624, 28.7270, 36.4117



21.6668, 28.7270, 5.9414



19.2366, 28.7270, 80.9948

Complementary

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



45.3624, 28.7270, 36.4117



42.4515, 65.9806, 49.5316

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.



15.6085, 28.7270, 52.1107



45.3624, 28.7270, 36.4117



16.8107, 28.7270, 11.8969

Square

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



45.3624, 28.7270, 36.4117



29.0421, 28.7270, 4.8997



14.8150, 28.7270, 26.6525



25.6370, 28.7270, 97.5314

Rectangle

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



45.3624, 28.7270, 36.4117



39.8626, 28.7270, 9.8480



14.8150, 28.7270, 26.6525



17.7064, 28.7270, 71.8916

Sweetspot

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



45.3632, 28.7285, 36.4122



78.3633, 72.6293, 84.8321



36.1164, 22.9287, 82.6430



16.2724, 14.7360, 17.4004



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.



45.3632, 28.7285, 36.4122



49.4720, 28.1988, 34.0387



41.5234, 27.8957, 14.0243



15.3522, 15.1687, 17.1400



20.6241, 10.4523, 9.0878



1.6675, 0.8400, 0.9665

Inverse Universe

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



45.3632, 28.7285, 36.4122



49.4720, 28.1988, 34.0387



48.9381, 66.4114, 90.3602



15.3522, 15.1687, 17.1400



20.6241, 10.4523, 9.0878



1.6675, 0.8400, 0.9665

Previews

White Background



This preview shows how the XYZ color 45.3624, 28.7270, 36.4117 looks on a white background.

Color Contrast Check

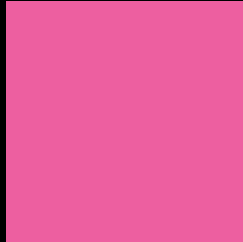
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.3624, 28.7270, 36.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

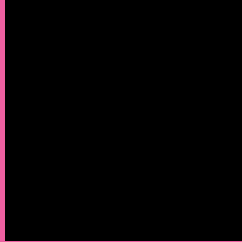
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.3624, 28.7270, 36.4117

Background



This preview shows how black text looks on a background with the XYZ color 45.3624, 28.7270, 36.4117.



This preview shows how white text looks on a background with the XYZ color 45.3624, 28.7270,

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

45.3624, 28.7270, 36.4117

Protanopia

29.4239, 29.0876, 54.5157

Deuteranopia

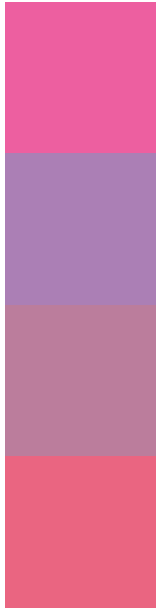
29.5233, 28.9150, 34.1621



Tritanopia

41.5805, 28.5966, 18.6574

Trichromacy



Original Color

45.3624, 28.7270, 36.4117

Protanomaly

32.7244, 27.1729, 47.2362

Deuteranomaly

33.8279, 27.6323, 35.0031

Tritanomaly

42.5478, 28.3848, 24.0052

Monochromacy



Original Color

45.3624, 28.7270, 36.4117

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.4545, 26.8457, 32.3781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3624, 28.7270, 36.4117 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, 95, 160)` looks like.

```
.text, #text, p{  
    color:rgb(237, 95, 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, 95, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 95, 160) }
```

Border

The CSS property to change the border of an element to XYZ 45.3624, 28.7270, 36.4117 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, 95, 160) }
```


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

```
.border{ border-color:rgb(237, 95, 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, 95, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 95, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 95, 160);  
box-shadow:4px 4px 4px 4px rgb(237, 95,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3624, 28.7270, 36.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 95, 160) }
```

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

```
.background{ background-color: rgb(237, 95,  
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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