

Converting Colors

XYZ(43.5386, 28.8465, 23.6473)

Have a look what the booklet for
XYZ(43.5386, 28.8465, 23.6473)
contains.

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Color

**XYZ(43.4750, 28.8704,
23.7032)**

Conversions

Conversions Part 1

Format	Color
Hex	ED6580
RGB	237, 101, 128
RGB Percent	93%, 40%, 50%
CMY	0.0706, 0.6039, 0.4980
CMYK	0.00, 0.57, 0.46, 0.07
HSL	348°, 79%, 66%
HSV	348°, 57%, 93%
XYZ	43.4750, 28.8704, 23.7032
YIQ	144.7420, 72.3890, 37.2290

Conversions

Conversions Part 2

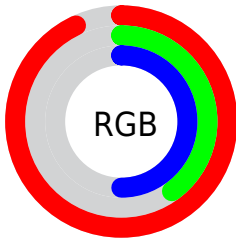
Format	Color
R _{YB}	237, 101, 128
Decimal	15558016
CIE Lab	60.67, 54.78, 11.87
CIE LCh	61, 56.055, 12.227
Yxy	28.8704, 0.4526, 0.3006
Android (android.graphics.Color)	4293748096 (0xFFED6580)
YUV	144.7420, -8.2538, 80.9103
Hunter-Lab	53.7312, 50.3984, 11.4564

Details

The XYZ color **43.4750, 28.8704, 23.7032** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **47.2856, 67.9889, 71.6084**, and the grayscale version is **26.8219, 28.2187, 30.7302**.

A 20% lighter version of the original color is **61.4690, 48.3731, 49.8132**, and **20.2165, 11.5960, 8.5699** is the 20% darker color. If you saturate the color by 10%, you get **40.3610, 24.4597, 17.0633**, and if you desaturate by 10%, it is **47.4879, 34.7044, 31.7980**.

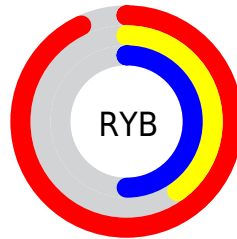
Distribution



Red (93%)

Green (40%)

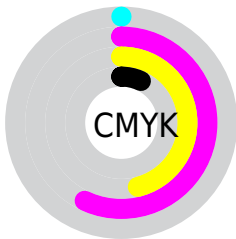
Blue (50%)



Red (93%)

Yellow (40%)

Blue (50%)

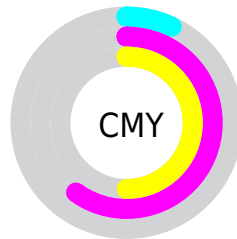


Cyan (0%)

Magenta (57%)

Yellow (46%)

Black (7%)



Cyan (7%)


Magenta (60%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4750, 28.8704, 23.7032 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 43.4750, 28.8704, 23.7032 by changing the saturation by 10% instead.


 43.4750, 28.8704,
23.7032


 43.4750, 28.8704,
23.7032

351.4501,
296.6030, 284.5546


 30.4541, 18.9828,
14.9034


 79.6784, 57.8711,
50.4832


 20.3333, 11.6579,
8.6058


 103.5917, 77.7530,
69.3005

 12.7472, 6.5112,
4.3917


 131.8664,
101.7351, 92.2940

 7.3305, 3.1583,
1.8426

 164.8680,
130.2019, 119.8824

 3.7178, 1.2149,
0.4558

202.9618,
163.5377, 152.4841

 1.5438, 0.0738,
0.0000

246.5132,

 0.3553, 0.0000,

202.1268, 190.5176

0.0000

295.8875,
246.3538, 234.4016

■ 0.0000, 0.0000,
0.0000

■ 43.4750, 28.8704,
23.7032

■ 43.4750, 28.8704,
23.7032

■ 40.3610, 24.4597,
17.0633

■ 47.4879, 34.7044,
31.7980

■ 38.0718, 21.3448,
11.7882

■ 52.4612, 42.0654,
41.4271

■ 36.5247, 19.3835,
7.7798


■ 58.4538, 51.0529,
52.6657


■ 35.6126, 18.3873,
4.9230

■ 65.5188, 61.7566,
65.5837

■ 35.4389, 18.2100,
4.3407

■ 73.7058, 74.2596,
80.2466

 83.0612, 88.6395,
96.7166

 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



43.0015, 28.8704, 45.2905



43.4750, 28.8704, 23.7032



39.1337, 28.8704, 11.4902

Triad

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



43.4750, 28.8704, 23.7032



19.0849, 28.8704, 10.1474



23.3949, 28.8704, 86.9669

Complementary

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



43.4750, 28.8704, 23.7032



47.2856, 67.9889, 71.6084

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.



18.3448, 28.8704, 66.6998



43.4750, 28.8704, 23.7032



16.1753, 28.8704, 20.7397

Square

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



43.4750, 28.8704, 23.7032



24.5881, 28.8704, 6.3112



15.9307, 28.8704, 40.6881



30.5053, 28.8704, 88.9555

Rectangle

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



43.4750, 28.8704, 23.7032



34.4750, 28.8704, 7.6667



15.9307, 28.8704, 40.6881



21.4345, 28.8704, 81.7568

Sweetspot

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



43.4757, 28.8719, 23.7037



77.6481, 73.3530, 77.9530



46.4623, 29.0958, 83.2878



16.2355, 15.1161, 15.9889



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.



43.4757, 28.8719, 23.7037



47.0754, 28.0735, 18.8493



46.9184, 38.2324, 17.2207



15.1877, 15.1029, 16.2737



19.3852, 9.9568, 2.5641



1.5556, 0.7952, 0.3770

Inverse Universe

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



43.4757, 28.8719, 23.7037



47.0754, 28.0735, 18.8493



40.4393, 48.4527, 87.3415



15.1877, 15.1029, 16.2737



19.3852, 9.9568, 2.5641



1.5556, 0.7952, 0.3770

Previews

White Background



This preview shows how the XYZ color 43.4750, 28.8704, 23.7032 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 43.4750, 28.8704, 23.7032 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 43.4750, 28.8704, 23.7032

Background



This preview shows how black text looks on a background with the XYZ color 43.4750, 28.8704, 23.7032.



This preview shows how white text looks on a background with the XYZ color 43.4750, 28.8704,

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

43.4750, 28.8704, 23.7032

Protanopia

28.1591, 29.1207, 33.8425

Deuteranopia

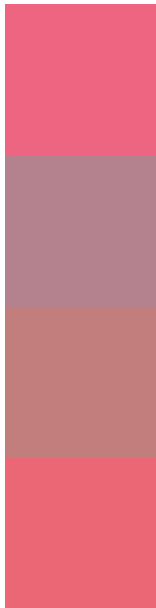
29.6153, 29.0009, 22.4492



Tritanopia

42.4116, 28.8812, 18.3782

Trichromacy



Original Color

43.4750, 28.8704, 23.7032

Protanomaly

31.7629, 27.6517, 29.6498

Deuteranomaly

33.3471, 27.8463, 22.6861

Tritanomaly

42.6532, 28.8177, 20.1439

Monochromacy



Original Color

43.4750, 28.8704, 23.7032

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.8706, 27.0296, 28.0163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4750, 28.8704, 23.7032 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, 101, 128)` looks like.

```
.text, #text, p{  
    color:rgb(237, 101, 128)  
}
```

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, 101, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 101, 128) }
```

Border

The CSS property to change the border of an element to XYZ 43.4750, 28.8704, 23.7032 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, 101, 128) }
```


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

```
.border{ border-color:rgb(237, 101, 128) }
```

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

Here you see how a box with a 4 pixel rgb(237, 101, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 101, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 101, 128);  
box-shadow:4px 4px 4px 4px rgb(237, 101,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4750, 28.8704, 23.7032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 101, 128) }
```

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

```
.background{ background-color: rgb(237,  
101, 128) }
```

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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