

# Converting Colors

XYZ(43.0895, 28.1827, 26.5460)

Have a look what the booklet for  
XYZ(43.0895, 28.1827, 26.5460)  
contains.

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# Color

**XYZ(43.0726, 28.1751,  
26.4607)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB6288
RGB	235, 98, 136
RGB Percent	92%, 38%, 53%
CMY	0.0784, 0.6157, 0.4667
CMYK	0.00, 0.58, 0.42, 0.08
HSL	343°, 77%, 65%
HSV	343°, 58%, 92%
XYZ	43.0726, 28.1751, 26.4607
YIQ	143.2950, 69.4540, 40.8620

# Conversions

## Conversions Part 2

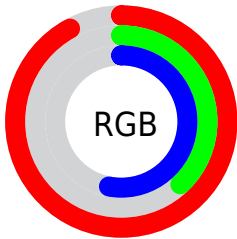
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 98, 136
Decimal	15426184
CIE Lab	60.05, 56.27, 6.31
CIE LCh	60, 56.618, 6.395
Yxy	28.1751, 0.4408, 0.2884
Android (android.graphics.Color)	4293616264 (0xFFEB6288)
YUV	143.2950, -3.5964, 80.4253
Hunter-Lab	53.0802, 51.9556, 7.5999

# Details

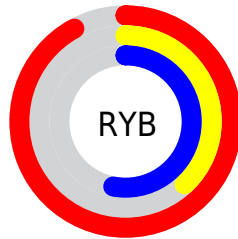
The XYZ color **43.0726, 28.1751, 26.4607** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **44.8251, 66.0453, 63.2132**, and the grayscale version is **26.2218, 27.5874, 30.0427**.

A 20% lighter version of the original color is **61.9809, 48.0453, 54.1510**, and **20.1583, 11.3197, 10.1393** is the 20% darker color. If you saturate the color by 10%, you get **40.0746, 23.9602, 19.9710**, and if you desaturate by 10%, it is **46.9086, 33.7600, 34.1737**.

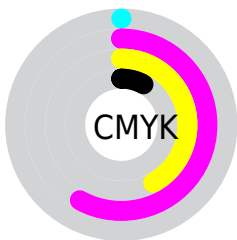
# Distribution



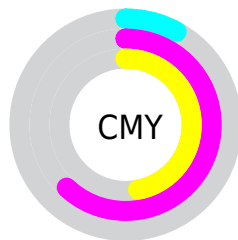
- Red (92%)
- Green (38%)
- Blue (53%)



- Red (92%)
- Yellow (38%)
- Blue (53%)



- Cyan (0%)
- Magenta (58%)
- Yellow (42%)
- Black (8%)




- Cyan (8%)
- Magenta (62%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0726, 28.1751, 26.4607 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 43.0726, 28.1751, 26.4607 by changing the saturation by 10% instead.





 43.0726, 28.1751,  
26.4607


 43.0726, 28.1751,  
26.4607


349.8267,  
293.3027, 298.7135


 30.1369, 18.4577,  
16.9398


 79.0754, 56.7639,  
55.0104


 20.0911, 11.2791,  
10.0300


 102.8732, 76.4040,  
74.8763

 12.5699, 6.2549,  
5.3130

 131.0224,  
100.1206, 99.0275

 7.2080, 3.0007,  
2.3701

 163.8884,  
128.2979, 127.8827

 3.6400, 1.1321,  
0.7701

201.8364,  
161.3203, 161.8603

 1.5006, 0.0052,  
0.0000

245.2319,

 0.3262, 0.0000,

199.5724, 201.3790

0.0000

294.4402,  
243.4383, 246.8572

■ 0.0000, 0.0000,  
0.0000

■ 43.0726, 28.1751,  
26.4607

■ 43.0726, 28.1751,  
26.4607

■ 40.0746, 23.9602,  
19.9710

■ 46.9086, 33.7600,  
34.1737

■ 37.8452, 20.9905,  
14.6365

■ 51.6400, 40.8164,  
43.1699

■ 36.3064, 19.1262,  
10.3835

■ 57.3217, 49.4410,  
53.5067

■ 35.3500, 18.1674,  
7.1236

■ 64.0031, 59.7212,  
65.2374

■ 35.2201, 18.0458,  
6.6544

■ 71.7306, 71.7380,  
78.4126

■ 80.5471, 85.5667,  
93.0798

■ 88.0515, 96.3944,  
108.4708

■ 88.0710, 96.4022,  
108.5734

# Harmonies

## Analogous

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



41.6140, 28.1751, 49.5019



43.0726, 28.1751, 26.4607



39.5746, 28.1751, 12.6228

# Triad

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



43.0726, 28.1751, 26.4607



19.3608, 28.1751, 8.5189



21.5984, 28.1751, 83.4050

# Complementary

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



43.0726, 28.1751, 26.4607



44.8251, 66.0453, 63.2132

# 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.



17.0906, 28.1751, 60.8168



43.0726, 28.1751, 26.4607



15.9703, 28.1751, 17.3573

# Square

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



43.0726, 28.1751, 26.4607



25.2635, 28.1751, 5.7073



15.2209, 28.1751, 35.3209



28.3552, 28.1751, 89.5454



# Rectangle

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



43.0726, 28.1751, 26.4607



35.2174, 28.1751, 8.0551



15.2209, 28.1751, 35.3209



19.8102, 28.1751, 77.1097

# Sweetspot

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



43.0733, 28.1766, 26.4612



78.1062, 73.5362, 80.3656



42.1771, 26.4957, 81.4885



16.3426, 15.1589, 16.5530



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.



43.0733, 28.1766, 26.4612



47.6252, 28.0045, 22.6354



44.1447, 33.9016, 15.7742



15.2371, 15.1227, 16.5340



19.6481, 10.0619, 3.9482



1.5824, 0.8059, 0.5186



# Inverse Universe

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



43.0733, 28.1766, 26.4612



47.6252, 28.0045, 22.6354



41.9408, 52.4104, 86.5030



15.2371, 15.1227, 16.5340



19.6481, 10.0619, 3.9482



1.5824, 0.8059, 0.5186



# Previews

## White Background



This preview shows how the XYZ color 43.0726, 28.1751, 26.4607 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 43.0726, 28.1751, 26.4607 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

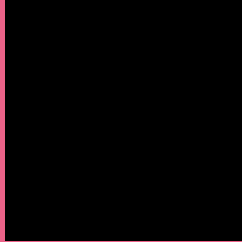
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 43.0726, 28.1751, 26.4607**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.0726, 28.1751, 26.4607.



This preview shows how white text looks on a background with the XYZ color 43.0726, 28.1751,



# 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

43.0726, 28.1751, 26.4607

### Protanopia

27.8225, 28.3948, 38.1968

### Deuteranopia

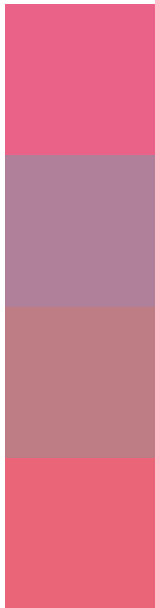
28.9244, 28.3672, 25.0700



## Tritanopia

41.2690, 28.1499, 18.0102

# Trichromacy



## Original Color

43.0726, 28.1751, 26.4607

## Protanomaly

31.2436, 26.7088, 33.6456

## Deuteranomaly

32.7337, 27.2803, 25.3702

## Tritanomaly

41.9151, 28.1317, 20.6736

# Monochromacy



## Original Color

43.0726, 28.1751, 26.4607

## Achromatopsia

26.1081, 27.4677, 29.9124

## Achromatomaly

30.2275, 26.3023, 28.2946

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.0726, 28.1751, 26.4607 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(235, 98, 136)` looks like.

```
.text, #text, p{  
    color:rgb(235, 98, 136)  
}
```

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(235, 98, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 98, 136) }
```

## Border

The CSS property to change the border of an element to XYZ 43.0726, 28.1751, 26.4607 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(235, 98, 136) }
```



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

```
.border{ border-color:rgb(235, 98, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 98, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 98, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 98, 136);  
box-shadow:4px 4px 4px 4px rgb(235, 98,  
136) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.0726, 28.1751, 26.4607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 98, 136) }
```

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

```
.background{ background-color: rgb(235, 98,  
136) }
```

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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