

Converting Colors

XYZ(43.3610, 28.4128, 28.7541)

Have a look what the booklet for
XYZ(43.3610, 28.4128, 28.7541)
contains.

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Color

**XYZ(43.2760, 28.3691,
28.7861)**

Conversions

Conversions Part 1

Format	Color
Hex	EA638E
RGB	234, 99, 142
RGB Percent	92%, 39%, 56%
CMY	0.0824, 0.6117, 0.4431
CMYK	0.00, 0.58, 0.39, 0.08
HSL	341°, 76%, 65%
HSV	341°, 58%, 92%
XYZ	43.2760, 28.3691, 28.7861
YIQ	144.2670, 66.6570, 41.9930

Conversions

Conversions Part 2

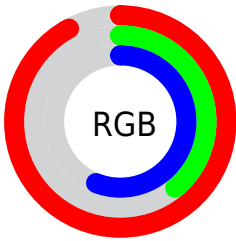
Format	Color
R _Y B	234, 99, 142
Decimal	15360910
CIE Lab	60.22, 56.12, 3.05
CIE LCh	60, 56.202, 3.114
Yxy	28.3691, 0.4309, 0.2825
Android (android.graphics.Color)	4293550990 (0xFFEA638E)
YUV	144.2670, -1.1176, 78.6958
Hunter-Lab	53.2627, 51.8219, 5.2402

Details

The XYZ color **43.2760, 28.3691, 28.7861** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **43.9740, 65.2606, 59.5731**, and the grayscale version is **26.6035, 27.9889, 30.4799**.

A 20% lighter version of the original color is **62.9252, 48.6882, 58.3058**, and **20.1803, 11.3573, 11.2538** is the 20% darker color. If you saturate the color by 10%, you get **40.2585, 24.1152, 22.2895**, and if you desaturate by 10%, it is **47.1085, 33.9787, 36.4000**.

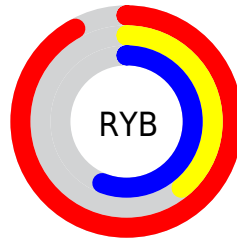
Distribution



Red (92%)

Green (39%)

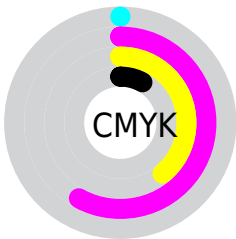
Blue (56%)



Red (92%)

Yellow (39%)

Blue (56%)

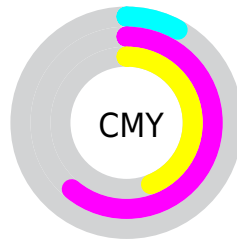


Cyan (0%)

Magenta (58%)

Yellow (39%)

Black (8%)



Cyan (8%)


Magenta (61%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2760, 28.3691, 28.7861 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 43.2760, 28.3691, 28.7861 by changing the saturation by 10% instead.


 43.2760, 28.3691,
28.7861


 43.2760, 28.3691,
28.7861


350.6479,
294.2264, 310.2337


 30.2972, 18.6041,
18.6749


 79.3803, 57.0732,
58.7752


 20.2135, 11.3845,
11.2612


 103.2365, 76.7810,
79.4901

 12.6595, 6.3261,
6.1264


 131.4492,
100.5720, 104.5768

 7.2699, 3.0444,
2.8521

 164.3838,
128.8304, 134.4536

 3.6793, 1.1549,
1.0196

202.4056,
161.9406, 169.5391

 1.5223, 0.0244,
0.0000

245.8800,

 0.3410, 0.0000,

200.2871, 210.2520

0.0000

295.1723,
244.2542, 257.0106

■ 0.0000, 0.0000,
0.0000

■ 43.2760, 28.3691,
28.7861

■ 43.2760, 28.3691,
28.7861

■ 40.2585, 24.1152,
22.2895

■ 47.1085, 33.9787,
36.4000

■ 37.9892, 21.0951,
16.8516

■ 51.8107, 41.0429,
45.1824

■ 36.3938, 19.1727,
12.4095

■ 57.4354, 49.6566,
55.1828

■ 35.3731, 18.1629,
8.8889

■ 64.0302, 59.9052,
66.4473

■ 35.1855, 17.9939,
8.1904

■ 71.6392, 71.8680,
79.0194

■ 80.3041, 85.6190,
92.9405

■ 87.5223, 96.1447,
107.4029

■ 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



41.2849, 28.3691, 52.5004



43.2760, 28.3691, 28.7861



40.2944, 28.3691, 13.9032

Triad

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



43.2760, 28.3691, 28.7861



20.0888, 28.3691, 8.1656



21.1778, 28.3691, 81.4327

Complementary

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



43.2760, 28.3691, 28.7861



43.9740, 65.2606, 59.5731

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.



16.9549, 28.3691, 57.9916



43.2760, 28.3691, 28.7861



16.4092, 28.3691, 16.2099

Square

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



43.2760, 28.3691, 28.7861



26.2193, 28.3691, 5.8102



15.3724, 28.3691, 33.0922



27.7226, 28.3691, 89.7653

Rectangle

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



43.2760, 28.3691, 28.7861



36.1519, 28.3691, 8.7977



15.3724, 28.3691, 33.0922



19.4817, 28.3691, 74.6655

Sweetspot

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



43.2768, 28.3706, 28.7866



78.3490, 73.6333, 81.6442



40.3007, 25.6848, 80.6754



16.3995, 15.1817, 16.8525



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.



43.2768, 28.3706, 28.7866



48.4189, 28.6109, 25.9244



43.0832, 32.1916, 15.7492



15.2631, 15.1331, 16.6710



19.8229, 10.1319, 4.8689



1.5989, 0.8125, 0.6051

Inverse Universe

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



43.2768, 28.3706, 28.7866



48.4189, 28.6109, 25.9244



43.4167, 55.4316, 86.2529



15.2631, 15.1331, 16.6710



19.8229, 10.1319, 4.8689



1.5989, 0.8125, 0.6051

Previews

White Background



This preview shows how the XYZ color 43.2760, 28.3691, 28.7861 looks on a white background.

Color Contrast Check

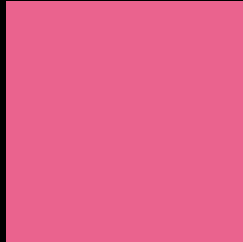
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.2760, 28.3691, 28.7861 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 43.2760, 28.3691, 28.7861

Background



This preview shows how black text looks on a background with the XYZ color 43.2760, 28.3691, 28.7861.



This preview shows how white text looks on a background with the XYZ color 43.2760, 28.3691,

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

43.2760, 28.3691, 28.7861

Protanopia

28.1192, 28.4738, 41.5501

Deuteranopia

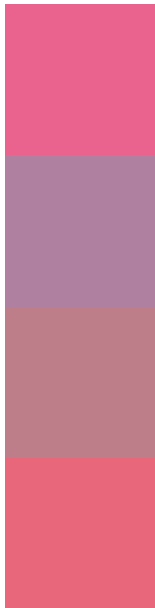
29.0731, 28.6139, 27.2833



Tritanopia

41.2549, 28.4288, 18.6422

Trichromacy



Original Color

43.2760, 28.3691, 28.7861

Protanomaly

31.6564, 27.0555, 36.3547

Deuteranomaly

33.0346, 27.5755, 27.6262

Tritanomaly

42.0297, 28.4542, 22.0159

Monochromacy



Original Color

43.2760, 28.3691, 28.7861

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

30.8086, 26.7686, 29.5297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2760, 28.3691, 28.7861 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, 99, 142)` looks like.

```
.text, #text, p{  
  color:rgb(234, 99, 142)  
}
```

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, 99, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 99, 142) }
```

Border

The CSS property to change the border of an element to XYZ 43.2760, 28.3691, 28.7861 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, 99, 142) }
```


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

```
.border{ border-color:rgb(234, 99, 142) }
```

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

Here you see how a box with a 4 pixel rgb(234, 99, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 99, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 99, 142);  
box-shadow:4px 4px 4px 4px rgb(234, 99,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2760, 28.3691, 28.7861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 99, 142) }
```

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

```
.background{ background-color: rgb(234, 99,  
142) }
```

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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