

Converting Colors

XYZ(41.6845, 28.8770, 29.3634)

Have a look what the booklet for
XYZ(41.6845, 28.8770, 29.3634)
contains.

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Color

**XYZ(41.6845, 28.8770,
29.3634)**

Conversions

Conversions Part 1

Format	Color
Hex	E26C8F
RGB	226, 108, 143
RGB Percent	89%, 42%, 56%
CMY	0.1137, 0.5764, 0.4392
CMYK	0.00, 0.52, 0.37, 0.11
HSL	342°, 67%, 65%
HSV	342°, 52%, 89%
XYZ	41.6845, 28.8770, 29.3634
YIQ	147.2720, 59.0930, 35.9010

Conversions

Conversions Part 2

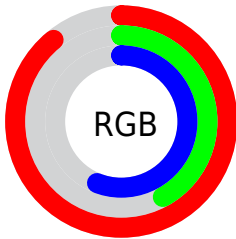
Format	Color
R _Y B	226, 108, 143
Decimal	14838927
CIE Lab	60.67, 49.40, 2.98
CIE LCh	61, 49.485, 3.452
Yxy	28.8770, 0.4172, 0.2890
Android (android.graphics.Color)	4293029007 (0xFFE26C8F)
YUV	147.2720, -2.1061, 69.0445
Hunter-Lab	53.7373, 44.4237, 5.2186

Details

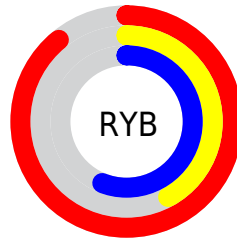
The XYZ color **41.6845, 28.8770, 29.3634** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.7861, 61.3431, 58.8790**, and the grayscale version is **27.8379, 29.2877, 31.8943**.

A 20% lighter version of the original color is **64.4152, 51.4856, 59.3660**, and **19.2313, 11.6441, 11.5899** is the 20% darker color. If you saturate the color by 10%, you get **38.4822, 24.2650, 22.7694**, and if you desaturate by 10%, it is **45.6768, 34.7956, 37.0633**.

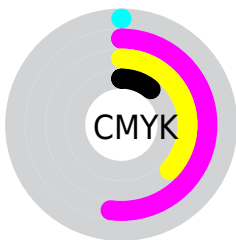
Distribution



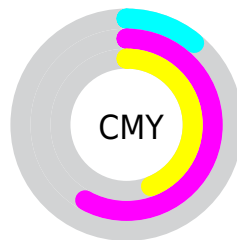
- Red (89%)
- Green (42%)
- Blue (56%)



- Red (89%)
- Yellow (42%)
- Blue (56%)



- Cyan (0%)
- Magenta (52%)
- Yellow (37%)
- Black (11%)





- Cyan (11%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6845, 28.8770, 29.3634 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 41.6845, 28.8770, 29.3634 by changing the saturation by 10% instead.


 41.6845, 28.8770,
29.3634

 41.6845, 28.8770,
29.3634


344.1873,
296.6342, 313.0402

 29.0444, 18.9878,
19.1080


 76.9901, 57.8816,
59.7030


 19.2588, 11.6615,
11.5707


 100.3862, 77.7658,
80.6243

 11.9626, 6.5136,
6.3331


 128.0984,
101.7504, 105.9379

 6.7902, 3.1598,
2.9766

 160.4920,
130.2199, 136.0624

 3.3764, 1.2157,
1.0827

197.9323,
163.5586, 171.4163

 1.3558, 0.0745,
0.0000

240.7847,

 0.2244, 0.0000,

202.1510, 212.4182

0.0000

289.4146,
246.3814, 259.4867

■ 0.0000, 0.0000,
0.0000

■ 41.6845, 28.8770,
29.3634

■ 41.6845, 28.8770,
29.3634

■ 38.4822, 24.2650,
22.7694

■ 45.6768, 34.7956,
37.0633

■ 36.0115, 20.8546,
17.2258

■ 50.5069, 42.1061,
45.9175

■ 34.2094, 18.5322,
12.6742

■ 56.2217, 50.8917,
55.9731

■ 33.0003, 17.1592,
9.0486

■ 62.8636, 61.2281,
67.2741

■ 32.3779, 16.5743,
6.8070

■ 70.4725, 73.1853,
79.8622

■ 79.0858, 86.8294,
93.7773

■ 85.0587, 94.8626,
107.8304

■ 85.1740, 94.9088,
108.4378

Harmonies

Analogous

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



40.0192, 28.8770, 50.0111



41.6845, 28.8770, 29.3634



39.0721, 28.8770, 15.7181

Triad

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



41.6845, 28.8770, 29.3634



21.1959, 28.8770, 10.2250



22.2969, 28.8770, 74.7869

Complementary

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



41.6845, 28.8770, 29.3634



42.7861, 61.3431, 58.8790

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.



18.3916, 28.8770, 55.1991



41.6845, 28.8770, 29.3634



17.8289, 28.8770, 18.1539

Square

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



41.6845, 28.8770, 29.3634



26.7109, 28.8770, 7.7259



16.8877, 28.8770, 33.6168



28.1959, 28.8770, 81.4978

Rectangle

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



41.6845, 28.8770, 29.3634



35.4627, 28.8770, 10.7511



16.8877, 28.8770, 33.6168



20.7400, 28.8770, 69.1943

Sweetspot

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



41.6853, 28.8785, 29.3639



79.1059, 74.9619, 82.4675



40.4766, 27.2424, 75.0765



16.5443, 15.4416, 16.9919



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.



41.6853, 28.8785, 29.3639



50.1560, 31.2806, 28.9835



42.2690, 33.6473, 18.4560



13.8737, 13.7671, 15.1049



18.5171, 9.4739, 4.1231



1.3221, 0.6721, 0.4888

Inverse Universe

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



41.6853, 28.8785, 29.3639



50.1560, 31.2806, 28.9835



41.1275, 51.1092, 79.6489



13.8737, 13.7671, 15.1049



18.5171, 9.4739, 4.1231



1.3221, 0.6721, 0.4888

Previews

White Background



This preview shows how the XYZ color 41.6845, 28.8770, 29.3634 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 41.6845, 28.8770, 29.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

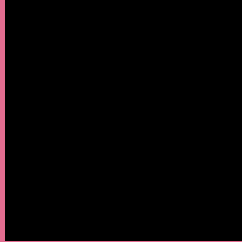
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6845, 28.8770, 29.3634

Background



This preview shows how black text looks on a background with the XYZ color 41.6845, 28.8770, 29.3634.



This preview shows how white text looks on a background with the XYZ color 41.6845, 28.8770,

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

41.6845, 28.8770, 29.3634

Protanopia

28.5720, 29.2037, 39.7283

Deuteranopia

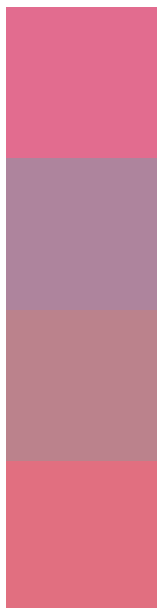
29.5703, 29.0735, 28.0980



Tritanopia

39.9248, 28.7917, 21.2224

Trichromacy



Original Color

41.6845, 28.8770, 29.3634

Protanomaly

31.7926, 27.9355, 35.6147

Deuteranomaly

33.2098, 28.4235, 28.5469

Tritanomaly

40.6321, 28.9349, 23.8655

Monochromacy



Original Color

41.6845, 28.8770, 29.3634

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

31.4803, 28.0805, 30.9550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6845, 28.8770, 29.3634 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(226, 108, 143)` looks like.

```
.text, #text, p{  
    color:rgb(226, 108, 143)  
}
```

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(226, 108, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 108, 143) }
```

Border

The CSS property to change the border of an element to XYZ 41.6845, 28.8770, 29.3634 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(226, 108, 143) }
```


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

```
.border{ border-color:rgb(226, 108, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 108, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 108, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 108, 143); box-shadow:4px 4px 4px 4px rgb(226, 108, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6845, 28.8770, 29.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 108, 143) }
```

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

```
.background{ background-color: rgb(226,  
108, 143) }
```

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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