

Converting Colors

XYZ(43.6996, 28.0643, 43.5124)

Have a look what the booklet for
XYZ(43.6996, 28.0643, 43.5124)
contains.

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Color

**XYZ(43.7841, 28.1614,
43.6855)**

Conversions

Conversions Part 1

Format	Color
Hex	E362AF
RGB	227, 98, 175
RGB Percent	89%, 38%, 69%
CMY	0.1098, 0.6157, 0.3137
CMYK	0.00, 0.57, 0.23, 0.11
HSL	324°, 70%, 64%
HSV	324°, 57%, 89%
XYZ	43.7841, 28.1614, 43.6855
YIQ	145.3490, 52.1670, 51.2950

Conversions

Conversions Part 2

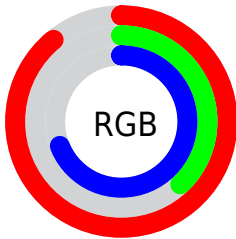
Format	Color
R _Y B	227, 98, 175
Decimal	14901935
CIE Lab	60.03, 58.42, -16.42
CIE LCh	60, 60.685, 344.304
Yxy	28.1614, 0.3787, 0.2435
Android (android.graphics.Color)	4293092015 (0xFFE362AF)
YUV	145.3490, 14.6179, 71.6079
Hunter-Lab	53.0673, 54.4067, -11.6609

Details

The XYZ color **43.7841, 28.1614, 43.6855** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **38.0125, 59.7377, 38.3840**, and the grayscale version is **26.9841, 28.3894, 30.9161**.

A 20% lighter version of the original color is **67.2194, 50.1407, 81.7366**, and **20.4201, 11.2476, 19.5071** is the 20% darker color. If you saturate the color by 10%, you get **41.0848, 24.1525, 38.5007**, and if you desaturate by 10%, it is **47.1481, 33.4016, 49.3929**.

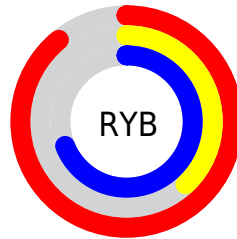
Distribution



Red (89%)

Green (38%)

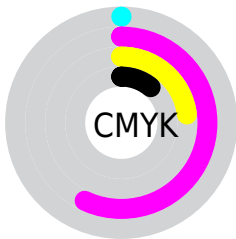
Blue (69%)



Red (89%)

Yellow (38%)

Blue (69%)

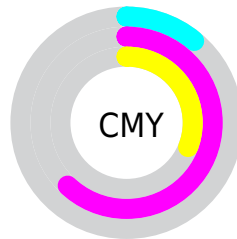


Cyan (0%)

Magenta (57%)

Yellow (23%)

Black (11%)



Cyan (11%)


Magenta (62%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7841, 28.1614, 43.6855 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 43.7841, 28.1614, 43.6855 by changing the saturation by 10% instead.


 43.7841, 28.1614,
43.6855

 43.7841, 28.1614,
43.6855

352.6936,
293.2373, 377.4271


 30.6980, 18.4474,
30.0880


 80.1411, 56.7420,
82.0417


 20.5197, 11.2716,
19.6527


 104.1428, 76.3774,
107.6375

 12.8838, 6.2499,
11.9613


 132.5136,
100.0887, 138.0697

 7.4250, 2.9976,
6.5951

 165.6190,
128.2602, 173.7570

 3.7780, 1.1305,
3.1356

203.8244,
161.2765, 215.1178

 1.5773, 0.0038,
1.1643

247.4951,

 0.3776, 0.0000,

199.5218, 262.5707

0.0000

296.9963,
243.3806, 316.5343

■ 0.0000, 0.0000,
0.0000

■ 43.7841, 28.1614,
43.6855

■ 43.7841, 28.1614,
43.6855

■ 41.0848, 24.1525,
38.5007

■ 47.1481, 33.4016,
49.3929

■ 38.9941, 21.2655,
33.8132

■ 51.2218, 39.9621,
55.6429

■ 37.4502, 19.3786,
29.5965


■ 56.0488, 47.9281,
62.4558


■ 36.3732, 18.3339,
25.8176


■ 61.6686, 57.3767,
69.8503


■ 36.0866, 18.0941,
24.6943

■ 68.1176, 68.3793,
77.8438

 75.4302, 81.0025,
86.4529

 83.0270, 94.0863,
95.4896

 84.4142, 94.6412,
102.7941

 85.4887, 95.0710,
108.4525

Harmonies

Analogous

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



38.5530, 28.1614, 72.3469



43.7841, 28.1614, 43.6855



43.9139, 28.1614, 21.2993

Triad

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



43.7841, 28.1614, 43.6855



23.2584, 28.1614, 5.1417



17.4737, 28.1614, 71.0590

Complementary

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



43.7841, 28.1614, 43.6855



38.0125, 59.7377, 38.3840

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.



14.7894, 28.1614, 42.4333



43.7841, 28.1614, 43.6855



17.6665, 28.1614, 9.1697

Square

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



43.7841, 28.1614, 43.6855



30.9938, 28.1614, 5.2235



14.8524, 28.1614, 20.5257



22.9423, 28.1614, 92.6413

Rectangle

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



43.7841, 28.1614, 43.6855



41.0233, 28.1614, 12.3805



14.8524, 28.1614, 20.5257



16.2671, 28.1614, 61.4679

Sweetspot

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



43.7850, 28.1628, 43.6860



80.0590, 74.3173, 90.6485



30.7385, 20.7293, 75.0544



16.8023, 15.3428, 18.9735



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.



43.7850, 28.1628, 43.6860



52.9946, 30.7414, 49.0944



38.9111, 26.2133, 18.0207



14.7363, 14.5117, 16.8117



21.1049, 10.5762, 14.7133



1.6053, 0.7998, 1.3278

Inverse Universe

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



43.7850, 28.1628, 43.6860



52.9946, 30.7414, 49.0944



44.6575, 62.3957, 73.3759



14.7363, 14.5117, 16.8117



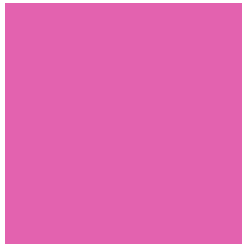
21.1049, 10.5762, 14.7133



1.6053, 0.7998, 1.3278

Previews

White Background



This preview shows how the XYZ color 43.7841, 28.1614, 43.6855 looks on a white background.

Color Contrast Check

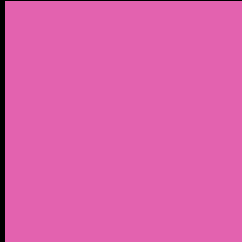
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7841, 28.1614, 43.6855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

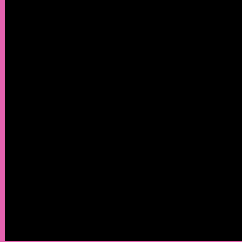
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.7841, 28.1614, 43.6855

Background



This preview shows how black text looks on a background with the XYZ color 43.7841, 28.1614, 43.6855.



This preview shows how white text looks on a background with the XYZ color 43.7841, 28.1614,

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

43.7841, 28.1614, 43.6855

Protanopia

29.6651, 28.5590, 63.6234

Deuteranopia

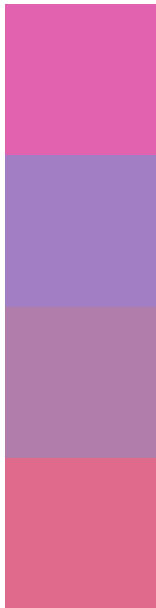
28.9536, 28.4691, 41.0148



Tritanopia

39.1384, 28.2304, 20.8390

Trichromacy



Original Color

43.7841, 28.1614, 43.6855

Protanomaly

32.4535, 26.8456, 55.6958

Deuteranomaly

32.9430, 27.2091, 42.0437

Tritanomaly

40.5547, 28.0194, 27.6969

Monochromacy



Original Color

43.7841, 28.1614, 43.6855

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.3991, 26.9526, 34.9999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7841, 28.1614, 43.6855 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(227, 98, 175)` looks like.

```
.text, #text, p{  
    color:rgb(227, 98, 175)  
}
```

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(227, 98, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 98, 175) }
```

Border

The CSS property to change the border of an element to XYZ 43.7841, 28.1614, 43.6855 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(227, 98, 175) }
```


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

```
.border{ border-color:rgb(227, 98, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 98, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 98, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 98, 175);  
box-shadow:4px 4px 4px 4px rgb(227, 98,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7841, 28.1614, 43.6855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 98, 175) }
```

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

```
.background{ background-color: rgb(227, 98,  
175) }
```

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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