

Converting Colors

XYZ(41.8475, 28.7862, 29.2066)

Have a look what the booklet for
XYZ(41.8475, 28.7862, 29.2066)
contains.

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Color

**XYZ(41.8942, 28.8295,
29.3432)**

Conversions

Conversions Part 1

Format	Color
Hex	E36B8F
RGB	227, 107, 143
RGB Percent	89%, 42%, 56%
CMY	0.1098, 0.5804, 0.4392
CMYK	0.00, 0.53, 0.37, 0.11
HSL	342°, 68%, 65%
HSV	342°, 53%, 89%
XYZ	41.8942, 28.8295, 29.3432
YIQ	146.9840, 59.9640, 36.6360

Conversions

Conversions Part 2

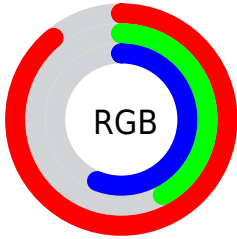
Format	Color
R_{YB}	227, 107, 143
Decimal	14904207
CIE _{Lab}	60.63, 50.21, 2.94
CIE _{LCh}	61, 50.298, 3.348
Yxy	28.8295, 0.4187, 0.2881
Android (android.graphics.Color)	4293094287 (0xFFE36B8F)
YUV	146.9840, -1.9641, 70.1740
Hunter-Lab	53.6931, 45.3122, 5.1833

Details

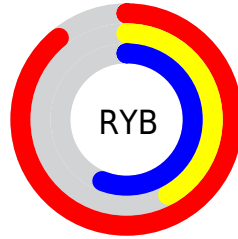
The XYZ color **41.8942, 28.8295, 29.3432** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **42.9380, 61.8263, 58.9645**, and the grayscale version is **27.7181, 29.1616, 31.7569**.

A 20% lighter version of the original color is **64.2384, 51.1319, 59.3070**, and **19.3973, 11.6614, 11.5844** is the 20% darker color. If you saturate the color by 10%, you get **38.7107, 24.2545, 22.7576**, and if you desaturate by 10%, it is **45.8709, 34.7178, 37.0351**.

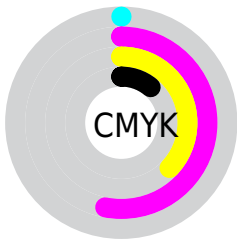
Distribution



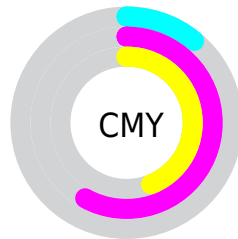
- Red (89%)
- Green (42%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (53%)
- Yellow (37%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8942, 28.8295, 29.3432 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 41.8942, 28.8295, 29.3432 by changing the saturation by 10% instead.


 41.8942, 28.8295,
29.3432

 41.8942, 28.8295,
29.3432


345.0433,
296.4096, 312.9423


 29.2092, 18.9519,
19.0928


 77.3056, 57.8061,
59.6706


 19.3842, 11.6355,
11.5599


 100.7628, 77.6738,
80.5847

 12.0539, 6.4960,
6.3259


 128.5414,
101.6404, 105.8904

 6.8528, 3.1490,
2.9722

 161.0068,
130.0902, 136.0062

 3.4157, 1.2100,
1.0805

198.5243,
163.4077, 171.3508

 1.3772, 0.0698,
0.0000

241.4593,

 0.2399, 0.0000,

201.9771, 212.3427

0.0000

290.1772,
246.1830, 259.4003

■ 0.0000, 0.0000,
0.0000

■ 41.8942, 28.8295,
29.3432

■ 41.8942, 28.8295,
29.3432

■ 38.7107, 24.2545,
22.7576

■ 45.8709, 34.7178,
37.0351

■ 36.2612, 20.8861,
17.2225

■ 50.6895, 42.0064,
45.8819

■ 34.4815, 18.6081,
12.6792

■ 56.3974, 50.7798,
55.9309

■ 33.2942, 17.2785,
9.0612

■ 63.0378, 61.1147,
67.2263

■ 32.7248, 16.7494,
6.9917

■ 70.6510, 73.0823,
79.8099

■ 79.2747, 86.7496,
93.7215

■ 85.3658, 95.0218,
107.8064

■ 85.4886, 95.0709,
108.4525

Harmonies

Analogous

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



40.1812, 28.8295, 50.3748



41.8942, 28.8295, 29.3432



39.2451, 28.8295, 15.5194

Triad

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



41.8942, 28.8295, 29.3432



21.0802, 28.8295, 9.9569



22.1611, 28.8295, 75.5700

Complementary

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



41.8942, 28.8295, 29.3432



42.9380, 61.8263, 58.9645

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.



18.2184, 28.8295, 55.5101



41.8942, 28.8295, 29.3432



17.6673, 28.8295, 17.8986

Square

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



41.8942, 28.8295, 29.3432



26.6771, 28.8295, 7.4795



16.7084, 28.8295, 33.5307



28.1391, 28.8295, 82.5046

Rectangle

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



41.8942, 28.8295, 29.3432



35.5742, 28.8295, 10.5187



16.7084, 28.8295, 33.5307



20.5876, 28.8295, 69.8312

Sweetspot

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



41.8950, 28.8310, 29.3437



79.1250, 74.9695, 82.5676



40.6100, 27.1396, 75.7711



16.5488, 15.4434, 17.0156



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.



41.8950, 28.8310, 29.3437



50.1970, 31.2970, 29.1992



42.4499, 33.6267, 18.1652



14.5540, 14.4388, 15.8519



19.1302, 9.7863, 4.3148



1.4536, 0.7392, 0.5292

Inverse Universe

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



41.8950, 28.8310, 29.3437



50.1970, 31.2970, 29.1992



41.2857, 51.3849, 80.4153



14.5540, 14.4388, 15.8519



19.1302, 9.7863, 4.3148



1.4536, 0.7392, 0.5292

Previews

White Background



This preview shows how the XYZ color 41.8942, 28.8295, 29.3432 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 41.8942, 28.8295, 29.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

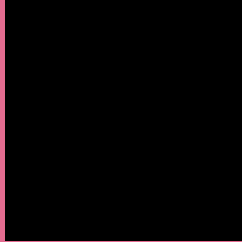
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.8942, 28.8295, 29.3432

Background



This preview shows how black text looks on a background with the XYZ color 41.8942, 28.8295, 29.3432.



This preview shows how white text looks on a background with the XYZ color 41.8942, 28.8295,

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

41.8942, 28.8295, 29.3432

Protanopia

28.6634, 29.2402, 40.2096

Deuteranopia

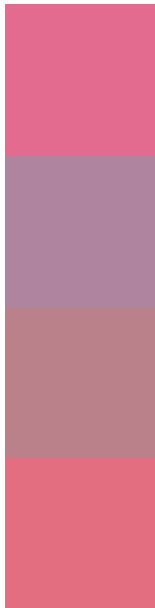
29.4982, 29.0447, 27.7184



Tritanopia

40.0656, 28.7083, 20.8823

Trichromacy



Original Color

41.8942, 28.8295, 29.3432

Protanomaly

31.8784, 27.9698, 36.0663

Deuteranomaly

33.0040, 28.1294, 28.1161

Tritanomaly

40.8362, 28.8791, 23.8440

Monochromacy



Original Color

41.8942, 28.8295, 29.3432

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

31.3441, 27.8080, 30.9096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8942, 28.8295, 29.3432 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, 107, 143)` looks like.

```
.text, #text, p{  
    color:rgb(227, 107, 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(227, 107, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 107, 143) }
```

Border

The CSS property to change the border of an element to XYZ 41.8942, 28.8295, 29.3432 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, 107, 143) }
```


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

```
.border{ border-color:rgb(227, 107, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 107, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 107, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 107, 143);  
box-shadow:4px 4px 4px 4px rgb(227, 107,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8942, 28.8295, 29.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 107, 143) }
```

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

```
.background{ background-color: rgb(227,  
107, 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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