

Converting Colors

XYZ(42.1913, 26.4567, 27.9516)

Have a look what the booklet for
XYZ(42.1913, 26.4567, 27.9516)
contains.

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Color

**XYZ(42.3118, 26.5603,
28.0959)**

Conversions

Conversions Part 1

Format	Color
Hex	EA598D
RGB	234, 89, 141
RGB Percent	92%, 35%, 55%
CMY	0.0824, 0.6509, 0.4471
CMYK	0.00, 0.62, 0.40, 0.08
HSL	338°, 78%, 63%
HSV	338°, 62%, 92%
XYZ	42.3118, 26.5603, 28.0959
YIQ	138.2830, 69.7280, 46.9120

Conversions

Conversions Part 2

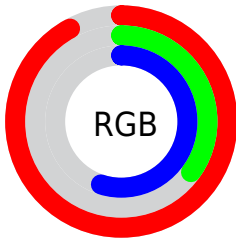
Format	Color
RYB	234, 89, 141
Decimal	15358349
CIELab	58.57, 60.38, 1.23
CIELCh	59, 60.389, 1.169
Yxy	26.5603, 0.4363, 0.2739
Android (android.graphics.Color)	4293548429 (0xFFEA598D)
YUV	138.2830, 1.3395, 83.9438
Hunter-Lab	51.5367, 56.3599, 3.7530

Details

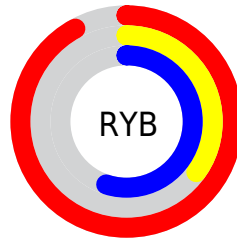
The XYZ color **42.3118, 26.5603, 28.0959** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **41.9878, 64.3476, 54.4676**, and the grayscale version is **24.2431, 25.5056, 27.7756**.

A 20% lighter version of the original color is **61.1030, 45.4058, 56.5827**, and **19.6915, 10.4493, 10.8766** is the 20% darker color. If you saturate the color by 10%, you get **39.6224, 22.8494, 22.0579**, and if you desaturate by 10%, it is **45.7726, 31.5718, 35.1383**.

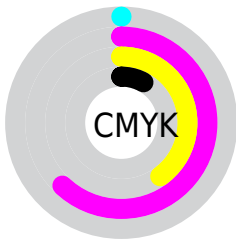
Distribution



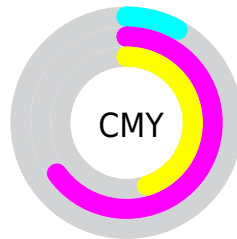
- Red (92%)
- Green (35%)
- Blue (55%)



- Red (92%)
- Yellow (35%)
- Blue (55%)



- Cyan (0%)
- Magenta (62%)
- Yellow (40%)
- Black (8%)





- Cyan (8%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3118, 26.5603, 28.0959 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 42.3118, 26.5603, 28.0959 by changing the saturation by 10% instead.


 42.3118, 26.5603,
28.0959


 42.3118, 26.5603,
28.0959

346.7435,
285.5218, 306.8512


 29.5377, 17.2433,
18.1583


 77.9335, 54.1775,
57.6625


 19.6343, 10.4081,
10.8931


 101.5118, 73.2464,
78.1285

 12.2362, 5.6704,
5.8817


 129.4223, 96.3348,
102.9411

 6.9781, 2.6457,
2.7057

 162.0301,
123.8270, 132.5187

 3.4946, 0.9497,
0.9463

199.7009,
156.1074, 167.2801

 1.4204, 0.0000,
0.0000

242.7998,

 0.2707, 0.0000,

193.5604, 207.6436

0.0000

291.6922,
236.5704, 254.0278

■ 0.0000, 0.0000,
0.0000

■ 42.3118, 26.5603,
28.0959

■ 42.3118, 26.5603,
28.0959

■ 39.6224, 22.8494,
22.0579

■ 45.7726, 31.5718,
35.1383

■ 37.6353, 20.3105,
16.9706

■ 50.0614, 37.9879,
43.2313

■ 36.2714, 18.7957,
12.7762

■ 55.2316, 45.9069,
52.4198

■ 35.5283, 18.1311,
9.9960

■ 61.3315, 55.4169,
62.7451

■ 68.4057, 66.5994,
74.2465

■ 76.4957, 79.5301,
86.9611

■ 85.6409, 94.2799,
100.9244

■ 87.7417, 96.2324,
108.5580

Harmonies

Analogous

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



39.8755, 26.5603, 53.3597



42.3118, 26.5603, 28.0959



39.4830, 26.5603, 12.5393

Triad

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



42.3118, 26.5603, 28.0959



18.5728, 26.5603, 6.1867



18.9857, 26.5603, 81.3290

Complementary

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



42.3118, 26.5603, 28.0959



41.9878, 64.3476, 54.4676

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.



14.9216, 26.5603, 55.5562



42.3118, 26.5603, 28.0959



14.7180, 26.5603, 13.3828

Square

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



42.3118, 26.5603, 28.0959



24.9555, 26.5603, 4.3143



13.5230, 26.5603, 29.7593



25.5363, 26.5603, 91.7959

Rectangle

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



42.3118, 26.5603, 28.0959



35.2598, 26.5603, 7.3725



13.5230, 26.5603, 29.7593



17.3322, 26.5603, 73.7010

Sweetspot

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



42.3125, 26.5617, 28.0964



76.8881, 71.0456, 80.1274



37.4421, 22.8907, 80.2868



15.9548, 14.4161, 16.3225



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.



42.3125, 26.5617, 28.0964



47.5065, 26.9118, 25.2322



41.1338, 29.0110, 12.8848



15.2886, 15.1433, 16.8052



20.0197, 10.2106, 5.9049



1.6166, 0.8196, 0.6982

Inverse Universe

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



42.3125, 26.5617, 28.0964



47.5065, 26.9118, 25.2322



43.1878, 56.4966, 86.4705



15.2886, 15.1433, 16.8052



20.0197, 10.2106, 5.9049



1.6166, 0.8196, 0.6982

Previews

White Background



This preview shows how the XYZ color 42.3118, 26.5603, 28.0959 looks on a white background.

Color Contrast Check

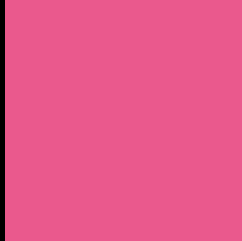
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.3118, 26.5603, 28.0959 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 42.3118, 26.5603, 28.0959

Background



This preview shows how black text looks on a background with the XYZ color 42.3118, 26.5603, 28.0959.



This preview shows how white text looks on a background with the XYZ color 42.3118, 26.5603,

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

42.3118, 26.5603, 28.0959

Protanopia

26.6560, 26.8031, 42.7983

Deuteranopia

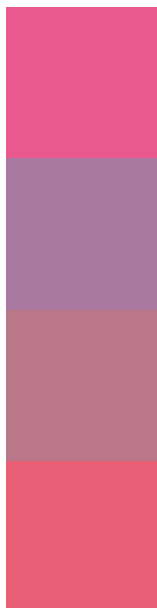
27.2078, 26.5987, 26.2543



Tritanopia

39.6779, 26.5176, 15.8591

Trichromacy



Original Color

42.3118, 26.5603, 28.0959

Protanomaly

29.8480, 24.7940, 36.9308

Deuteranomaly

31.3619, 25.4389, 26.9242

Tritanomaly

40.4923, 26.4456, 19.7999

Monochromacy



Original Color

42.3118, 26.5603, 28.0959

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

28.6103, 24.1813, 27.5856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3118, 26.5603, 28.0959 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, 89, 141)` looks like.

```
.text, #text, p{  
    color:rgb(234, 89, 141)  
}
```

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, 89, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 89, 141) }
```

Border

The CSS property to change the border of an element to XYZ 42.3118, 26.5603, 28.0959 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, 89, 141) }
```


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

```
.border{ border-color:rgb(234, 89, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 89, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 89, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 89, 141);  
box-shadow:4px 4px 4px 4px rgb(234, 89,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3118, 26.5603, 28.0959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 89, 141) }
```

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

```
.background{ background-color: rgb(234, 89,  
141) }
```

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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