

Converting Colors

XYZ(41.8998, 26.3307, 27.2281)

Have a look what the booklet for
XYZ(41.8998, 26.3307, 27.2281)
contains.

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Color

**XYZ(41.8369, 26.3325,
27.3037)**

Conversions

Conversions Part 1

Format	Color
Hex	E9598B
RGB	233, 89, 139
RGB Percent	91%, 35%, 55%
CMY	0.0863, 0.6509, 0.4549
CMYK	0.00, 0.62, 0.40, 0.09
HSL	339°, 77%, 63%
HSV	339°, 62%, 91%
XYZ	41.8369, 26.3325, 27.3037
YIQ	137.7560, 69.7740, 46.0780

Conversions

Conversions Part 2

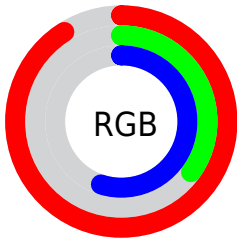
Format	Color
R_{YB}	233, 89, 139
Decimal	15292811
CIE _{Lab}	58.35, 59.86, 2.07
CIE _{LCh}	58, 59.900, 1.982
Yxy	26.3325, 0.4382, 0.2758
Android (android.graphics.Color)	4293482891 (0xFFE9598B)
YUV	137.7560, 0.6133, 83.5290
Hunter-Lab	51.3152, 55.7281, 4.3737

Details

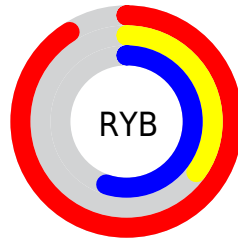
The XYZ color **41.8369, 26.3325, 27.3037** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **41.8076, 63.8214, 54.9194**, and the grayscale version is **24.0448, 25.2970, 27.5485**.

A 20% lighter version of the original color is **60.8798, 45.3166, 55.4074**, and **19.3844, 10.3008, 10.4178** is the 20% darker color. If you saturate the color by 10%, you get **39.1603, 22.6360, 21.3044**, and if you desaturate by 10%, it is **45.2829, 31.3203, 34.3228**.

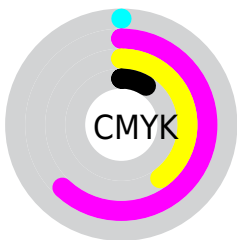
Distribution



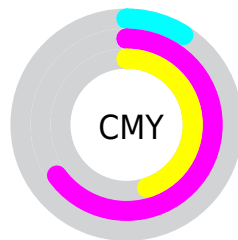
- Red (91%)
- Green (35%)
- Blue (55%)



- Red (91%)
- Yellow (35%)
- Blue (55%)



- Cyan (0%)
- Magenta (62%)
- Yellow (40%)
- Black (9%)





- Cyan (9%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8369, 26.3325, 27.3037 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 41.8369, 26.3325, 27.3037 by changing the saturation by 10% instead.


 41.8369, 26.3325,
27.3037


 41.8369, 26.3325,
27.3037


344.8095,
284.4105, 302.9312

 29.1642, 17.0726,
17.5670


 77.2194, 53.8109,
56.3805


 19.3499, 10.2862,
10.4733


 100.6599, 72.7981,
76.5576

 12.0289, 5.5891,
5.6042


 128.4204, 95.7965,
101.0520

 6.8357, 2.5969,
2.5411

 160.8662,
123.1905, 130.2821

 3.4050, 0.9251,
0.8618

198.3626,
155.3645, 164.6666

 1.3714, 0.0000,
0.0000

241.2751,

 0.2357, 0.0000,

192.7029, 204.6239

0.0000

289.9689,
235.5901, 250.5725

■ 0.0000, 0.0000,
0.0000

■ 41.8369, 26.3325,
27.3037

■ 41.8369, 26.3325,
27.3037

■ 39.1603, 22.6360,
21.3044

■ 45.2829, 31.3203,
34.3228

■ 37.1845, 20.1038,
16.2702

■ 49.5545, 37.7023,
42.4094


■ 35.8312, 18.5899,
12.1415

■ 54.7049, 45.5757,
51.6093

■ 35.0856, 17.9162,
9.3728

■ 60.7819, 55.0278,
61.9651

■ 67.8300, 66.1390,
73.5169

 75.8906, 78.9843,
86.3029

 85.0027, 93.6342,
100.3594

 87.4143, 96.0637,
108.5427

Harmonies

Analogous

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



39.5742, 26.3325, 51.9991



41.8369, 26.3325, 27.3037



38.9190, 26.3325, 12.2175

Triad

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



41.8369, 26.3325, 27.3037



18.3066, 26.3325, 6.3069



18.9977, 26.3325, 80.8026

Complementary

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



41.8369, 26.3325, 27.3037



41.8076, 63.8214, 54.9194

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.



14.9119, 26.3325, 55.6631



41.8369, 26.3325, 27.3037



14.5708, 26.3325, 13.6324

Square

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



41.8369, 26.3325, 27.3037



24.5459, 26.3325, 4.3416



13.4595, 26.3325, 30.0845



25.5168, 26.3325, 90.5180

Rectangle

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



41.8369, 26.3325, 27.3037



34.7051, 26.3325, 7.2334



13.4595, 26.3325, 30.0845



17.3415, 26.3325, 73.4227

Sweetspot

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



41.8376, 26.3339, 27.3042



76.8134, 71.0157, 79.7336



37.7152, 23.0480, 79.5518



15.9369, 14.4090, 16.2282



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.



41.8376, 26.3339, 27.3042



47.3579, 26.8524, 24.4502



41.0495, 29.3284, 12.9505



15.2814, 15.1404, 16.7670



19.9610, 10.1871, 5.5961



1.6114, 0.8175, 0.6708

Inverse Universe

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



41.8376, 26.3339, 27.3042



47.3579, 26.8524, 24.4502



42.2227, 54.7957, 85.4421



15.2814, 15.1404, 16.7670



19.9610, 10.1871, 5.5961



1.6114, 0.8175, 0.6708

Previews

White Background



This preview shows how the XYZ color 41.8369, 26.3325, 27.3037 looks on a white background.

Color Contrast Check

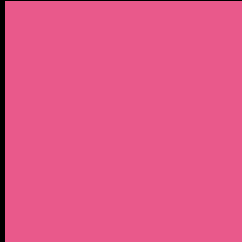
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8369, 26.3325, 27.3037 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 41.8369, 26.3325, 27.3037

Background



This preview shows how black text looks on a background with the XYZ color 41.8369, 26.3325, 27.3037.



This preview shows how white text looks on a background with the XYZ color 41.8369, 26.3325,

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

41.8369, 26.3325, 27.3037

Protanopia

26.2256, 26.3981, 41.2492

Deuteranopia

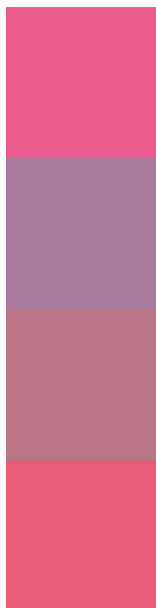
27.0696, 26.5434, 25.5265



Tritanopia

39.2642, 26.1680, 15.8134

Trichromacy



Original Color

41.8369, 26.3325, 27.3037

Protanomaly

29.5865, 24.6894, 35.5539

Deuteranomaly

30.9776, 25.2572, 26.1641

Tritanomaly

40.0217, 26.0786, 19.4473

Monochromacy



Original Color

41.8369, 26.3325, 27.3037

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

28.5375, 24.1522, 27.2025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8369, 26.3325, 27.3037 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(233, 89, 139)` looks like.

```
.text, #text, p{  
    color:rgb(233, 89, 139)  
}
```

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(233, 89, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 89, 139) }
```

Border

The CSS property to change the border of an element to XYZ 41.8369, 26.3325, 27.3037 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(233, 89, 139) }
```


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

```
.border{ border-color:rgb(233, 89, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 89, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 89, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 89, 139);  
box-shadow:4px 4px 4px 4px rgb(233, 89,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8369, 26.3325, 27.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 89, 139) }
```

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

```
.background{ background-color: rgb(233, 89,  
139) }
```

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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