

Converting Colors

XYZ(41.8730, 26.8249, 29.2463)

Have a look what the booklet for
XYZ(41.8730, 26.8249, 29.2463)
contains.

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Color

**XYZ(41.9034, 26.8312,
29.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	E75D90
RGB	231, 93, 144
RGB Percent	91%, 36%, 56%
CMY	0.0941, 0.6353, 0.4353
CMYK	0.00, 0.60, 0.38, 0.09
HSL	338°, 74%, 64%
HSV	338°, 60%, 91%
XYZ	41.9034, 26.8312, 29.3560
YIQ	140.0760, 65.8770, 45.1170

Conversions

Conversions Part 2

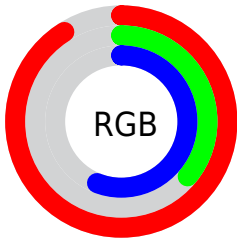
Format	Color
R _{YB}	231, 93, 144
Decimal	15162768
CIE Lab	58.82, 58.06, -0.21
CIE LCh	59, 58.056, 359.795
Yxy	26.8312, 0.4272, 0.2735
Android (android.graphics.Color)	4293352848 (0xFFE75D90)
YUV	140.0760, 1.9345, 79.7403
Hunter-Lab	51.7988, 53.7521, 2.6577

Details

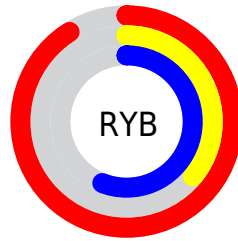
The XYZ color **41.9034, 26.8312, 29.3560** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **41.3298, 62.7750, 53.1222**, and the grayscale version is **24.9326, 26.2310, 28.5656**.

A 20% lighter version of the original color is **62.1805, 46.8321, 59.1883**, and **19.3588, 10.5538, 11.6064** is the 20% darker color. If you saturate the color by 10%, you get **39.1310, 22.9543, 23.2897**, and if you desaturate by 10%, it is **45.4331, 31.9926, 36.3837**.

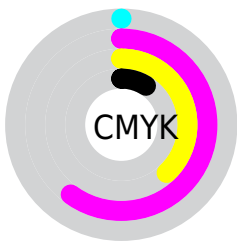
Distribution



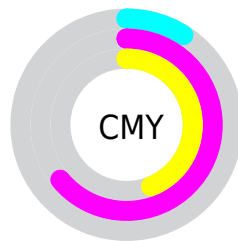
- Red (91%)
- Green (36%)
- Blue (56%)



- Red (91%)
- Yellow (36%)
- Blue (56%)



- Cyan (0%)
- Magenta (60%)
- Yellow (38%)
- Black (9%)





- Cyan (9%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9034, 26.8312, 29.3560 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 41.9034, 26.8312, 29.3560 by changing the saturation by 10% instead.


 41.9034, 26.8312,
29.3560

 41.9034, 26.8312,
29.3560

345.0808,
286.8389, 313.0043

 29.2164, 17.4465,
19.1024


 77.3195, 54.6129,
59.6911


 19.3897, 10.5533,
11.5667


 100.7793, 73.7786,
80.6098

 12.0579, 5.7674,
6.3305


 128.5608, 96.9735,
105.9205

 6.8556, 2.7041,
2.9750

 161.0293,
124.5820, 136.0418

 3.4175, 0.9793,
1.0819

198.5502,
156.9883, 171.3923

 1.3782, 0.0000,
0.0000

241.4889,

 0.2406, 0.0000,

194.5770, 212.3906

0.0000

290.2106,
237.7324, 259.4550

■ 0.0000, 0.0000,
0.0000

■ 41.9034, 26.8312,
29.3560

■ 41.9034, 26.8312,
29.3560

■ 39.1310, 22.9543,
23.2897

■ 45.4331, 31.9926,
36.3837

■ 37.0511, 20.2415,
18.1356

■ 49.7730, 38.5365,
44.4152

■ 35.5909, 18.5563,
13.8412


■ 54.9735, 46.5557,
53.4917


■ 34.6311, 17.6699,
10.3359


■ 61.0804, 56.1341,
63.6516

■ 34.6092, 17.6506,
10.2529

■ 68.1358, 67.3490,
74.9311

 76.1793, 80.2727,
87.3644

 85.2482, 94.9731,
100.9846

 86.7650, 95.7289,
108.5123

Harmonies

Analogous

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



39.3533, 26.8312, 53.8916



41.9034, 26.8312, 29.3560



39.4191, 26.8312, 13.6710

Triad

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



41.9034, 26.8312, 29.3560



19.2524, 26.8312, 6.6127



19.1817, 26.8312, 78.2824

Complementary

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



41.9034, 26.8312, 29.3560



41.3298, 62.7750, 53.1222

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.



15.3199, 26.8312, 53.5247



41.9034, 26.8312, 29.3560



15.3550, 26.8312, 13.5242

Square

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



41.9034, 26.8312, 29.3560



25.5516, 26.8312, 4.8591



14.0600, 26.8312, 29.0737



25.4530, 26.8312, 89.0747

Rectangle

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



41.9034, 26.8312, 29.3560



35.4663, 26.8312, 8.2576



14.0600, 26.8312, 29.0737



17.6046, 26.8312, 70.8817

Sweetspot

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



41.9041, 26.8326, 29.3565



77.8009, 72.4044, 81.8708



36.7226, 23.0767, 78.1201



16.1361, 14.6815, 16.6826



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.



41.9041, 26.8326, 29.3565



48.1970, 27.6888, 27.3250



40.4112, 28.7394, 13.7751



14.5961, 14.4556, 16.0734



19.4573, 9.9171, 6.0371



1.4815, 0.7503, 0.6760

Inverse Universe

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



41.9041, 26.8326, 29.3565



48.1970, 27.6888, 27.3250



43.2140, 56.6475, 84.2578



14.5961, 14.4556, 16.0734



19.4573, 9.9171, 6.0371



1.4815, 0.7503, 0.6760

Previews

White Background



This preview shows how the XYZ color 41.9034, 26.8312, 29.3560 looks on a white background.

Color Contrast Check

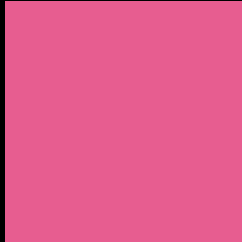
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9034, 26.8312, 29.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

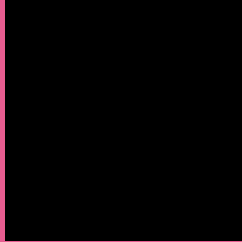
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.9034, 26.8312, 29.3560

Background



This preview shows how black text looks on a background with the XYZ color 41.9034, 26.8312, 29.3560.



This preview shows how white text looks on a background with the XYZ color 41.9034, 26.8312,

29.3560.

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

41.9034, 26.8312, 29.3560

Protanopia

27.0594, 27.2178, 43.3625

Deuteranopia

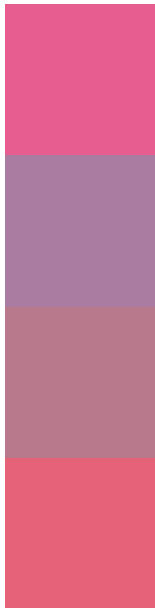
27.3656, 26.8656, 27.4102



Tritanopia

39.3024, 26.8629, 17.0235

Trichromacy



Original Color

41.9034, 26.8312, 29.3560

Protanomaly

30.3068, 25.5700, 37.5206

Deuteranomaly

31.3382, 25.7585, 28.1311

Tritanomaly

40.0709, 26.7494, 20.8205

Monochromacy



Original Color

41.9034, 26.8312, 29.3560

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.1243, 24.9732, 28.4846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9034, 26.8312, 29.3560 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(231, 93, 144)` looks like.

```
.text, #text, p{  
    color:rgb(231, 93, 144)  
}
```

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(231, 93, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 93, 144) }
```

Border

The CSS property to change the border of an element to XYZ 41.9034, 26.8312, 29.3560 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(231, 93, 144) }
```


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

```
.border{ border-color:rgb(231, 93, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 93, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 93, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 93, 144);  
box-shadow:4px 4px 4px 4px rgb(231, 93,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9034, 26.8312, 29.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 93, 144) }
```

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

```
.background{ background-color: rgb(231, 93,  
144) }
```

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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