

Converting Colors

XYZ(41.1496, 26.7676, 24.6407)

Have a look what the booklet for
XYZ(41.1496, 26.7676, 24.6407)
contains.

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Color

**XYZ(41.1439, 26.8120,
24.4794)**

Conversions

Conversions Part 1

Format	Color
Hex	E75F83
RGB	231, 95, 131
RGB Percent	91%, 37%, 51%
CMY	0.0941, 0.6274, 0.4863
CMYK	0.00, 0.59, 0.43, 0.09
HSL	344°, 74%, 64%
HSV	344°, 59%, 91%
XYZ	41.1439, 26.8120, 24.4794
YIQ	139.7680, 69.5000, 40.0280

Conversions

Conversions Part 2

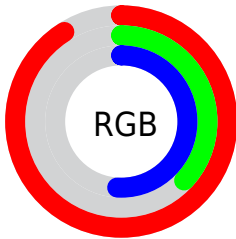
Format	Color
R_{YB}	231, 95, 131
Decimal	15163267
CIE _{Lab}	58.80, 55.82, 7.35
CIE _{LCh}	59, 56.302, 7.505
Yxy	26.8120, 0.4451, 0.2901
Android (android.graphics.Color)	4293353347 (0xFFE75F83)
YUV	139.7680, -4.3226, 80.0105
Hunter-Lab	51.7803, 51.2180, 8.2166

Details

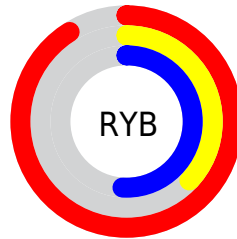
The XYZ color **41.1439, 26.8120, 24.4794** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **43.1471, 63.5255, 61.6215**, and the grayscale version is **24.8356, 26.1290, 28.4545**.

A 20% lighter version of the original color is **60.9583, 46.8539, 51.1783**, and **18.9485, 10.5289, 9.0162** is the 20% darker color. If you saturate the color by 10%, you get **38.3044, 22.8269, 18.3111**, and if you desaturate by 10%, it is **44.7903, 32.1089, 31.8484**.

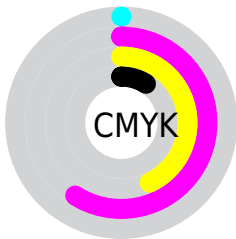
Distribution



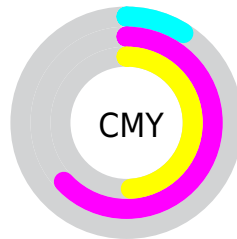
- Red (91%)
- Green (37%)
- Blue (51%)



- Red (91%)
- Yellow (37%)
- Blue (51%)



- Cyan (0%)
- Magenta (59%)
- Yellow (43%)
- Black (9%)





- Cyan (9%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1439, 26.8120, 24.4794 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 41.1439, 26.8120, 24.4794 by changing the saturation by 10% instead.


 41.1439, 26.8120,
24.4794


 41.1439, 26.8120,
24.4794


341.9740,
286.7457, 288.5995


 28.6197, 17.4321,
15.4741


 76.1756, 54.5820,
51.7650


 18.9362, 10.5430,
9.0025


 99.4139, 73.7409,
70.8824

 11.7279, 5.7605,
4.6460


 126.9542, 96.9283,
94.2076

 6.6295, 2.7000,
1.9860

 159.1619,
124.5285, 122.1592

 3.2758, 0.9772,
0.5467

196.4024,
156.9260, 155.1556

 1.3012, 0.0000,
0.0000

239.0410,

 0.1841, 0.0000,

194.5051, 193.6154

0.0000

287.4431,
237.6502, 237.9572

■ 0.0000, 0.0000,
0.0000

■ 41.1439, 26.8120,
24.4794

■ 41.1439, 26.8120,
24.4794

■ 38.3044, 22.8269,
18.3111

■ 44.7903, 32.1089,
31.8484

■ 36.2042, 20.0331,
13.2748

■ 49.2995, 38.8156,
40.4782

■ 34.7674, 18.2946,
9.2963

■ 54.7248, 47.0258,
50.4263

■ 33.8820, 17.4050,
6.2845

■ 61.1143, 56.8238,
61.7465

■ 33.8010, 17.3273,
5.9974

■ 68.5129, 68.2875,
74.4890

■ 76.9624, 81.4899,
88.7018

■ 85.9551, 95.4050,
104.2480

■ 86.7649, 95.7289,
108.5123

Harmonies

Analogous

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



39.9157, 26.8120, 46.4023



41.1439, 26.8120, 24.4794



37.6099, 26.8120, 11.5545

Triad

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



41.1439, 26.8120, 24.4794



18.1894, 26.8120, 8.1540



20.7097, 26.8120, 80.6831

Complementary

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



41.1439, 26.8120, 24.4794



43.1471, 63.5255, 61.6215

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.



16.2925, 26.8120, 59.2072



41.1439, 26.8120, 24.4794



15.0324, 26.8120, 16.8722

Square

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



41.1439, 26.8120, 24.4794



23.7798, 26.8120, 5.3265



14.4072, 26.8120, 34.4775



27.2677, 26.8120, 85.8752

Rectangle

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



41.1439, 26.8120, 24.4794



33.3502, 26.8120, 7.3621



14.4072, 26.8120, 34.4775



18.9635, 26.8120, 74.7738

Sweetspot

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



41.1446, 26.8134, 24.4799



77.1493, 72.1437, 78.4391



40.9540, 25.5222, 78.3689



15.9789, 14.6186, 15.8547



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.



41.1446, 26.8134, 24.4799



47.1901, 27.5528, 21.2006



42.5766, 32.9267, 14.9398



14.5328, 14.4303, 15.7403



18.9931, 9.7314, 3.5924



1.4411, 0.7342, 0.4636

Inverse Universe

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



41.1446, 26.8134, 24.4799



47.1901, 27.5528, 21.2006



39.6291, 49.1733, 83.0038



14.5328, 14.4303, 15.7403



18.9931, 9.7314, 3.5924



1.4411, 0.7342, 0.4636

Previews

White Background



This preview shows how the XYZ color 41.1439, 26.8120, 24.4794 looks on a white background.

Color Contrast Check

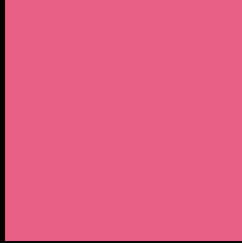
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1439, 26.8120, 24.4794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

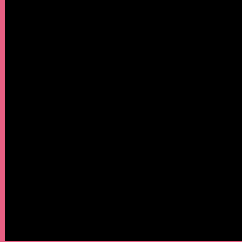
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.1439, 26.8120, 24.4794

Background



This preview shows how black text looks on a background with the XYZ color 41.1439, 26.8120, 24.4794.



This preview shows how white text looks on a background with the XYZ color 41.1439, 26.8120,

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

41.1439, 26.8120, 24.4794

Protanopia

26.4259, 27.0595, 35.7285

Deuteranopia

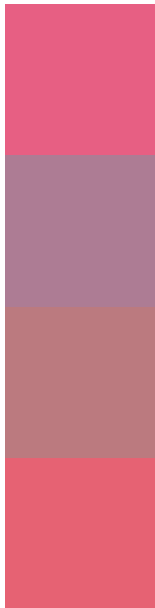
27.5476, 27.0534, 23.1719



Tritanopia

39.4718, 26.8130, 16.7307

Trichromacy



Original Color

41.1439, 26.8120, 24.4794

Protanomaly

29.7865, 25.4377, 31.3570

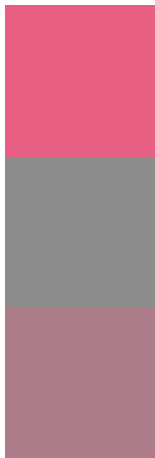
Deuteranomaly

31.2838, 26.0162, 23.4515

Tritanomaly

40.0953, 26.7962, 19.2786

Monochromacy



Original Color

41.1439, 26.8120, 24.4794

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.9566, 25.1057, 26.9866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1439, 26.8120, 24.4794 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, 95, 131)` looks like.

```
.text, #text, p{  
    color:rgb(231, 95, 131)  
}
```

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, 95, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 95, 131) }
```

Border

The CSS property to change the border of an element to XYZ 41.1439, 26.8120, 24.4794 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, 95, 131) }
```


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

```
.border{ border-color:rgb(231, 95, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 95, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 95, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 95, 131);  
box-shadow:4px 4px 4px 4px rgb(231, 95,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1439, 26.8120, 24.4794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 95, 131) }
```

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

```
.background{ background-color: rgb(231, 95,  
131) }
```

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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