

Converting Colors

XYZ(41.4851, 24.5319, 15.9132)

Have a look what the booklet for
XYZ(41.4851, 24.5319, 15.9132)
contains.

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Color

**XYZ(41.4851, 24.5319,
15.9132)**

Conversions

Conversions Part 1

Format	Color
Hex	F24869
RGB	242, 72, 105
RGB Percent	95%, 28%, 41%
CMY	0.0510, 0.7176, 0.5882
CMYK	0.00, 0.70, 0.57, 0.05
HSL	348°, 87%, 62%
HSV	348°, 70%, 95%
XYZ	41.4851, 24.5319, 15.9132
YIQ	126.5920, 90.7270, 46.3030

Conversions

Conversions Part 2

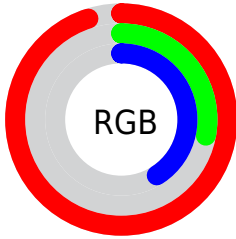
Format	Color
R_{YB}	242, 72, 105
Decimal	15878249
CIE _{Lab}	56.62, 66.27, 19.85
CIE _{LCh}	57, 69.183, 16.676
Yxy	24.5319, 0.5063, 0.2994
Android (android.graphics.Color)	4294068329 (0xFFFF24869)
YUV	126.5920, -10.6449, 101.2128
Hunter-Lab	49.5297, 62.8312, 15.6217

Details

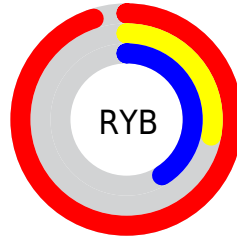
The XYZ color **41.4851, 24.5319, 15.9132** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **45.9353, 69.4861, 71.3196**, and the grayscale version is **20.0480, 21.0921, 22.9693**.

A 20% lighter version of the original color is **55.3570, 39.8929, 36.2350**, and **19.3541, 9.8892, 4.8917** is the 20% darker color. If you saturate the color by 10%, you get **39.3265, 21.6395, 10.8023**, and if you desaturate by 10%, it is **44.4900, 28.7496, 22.4407**.

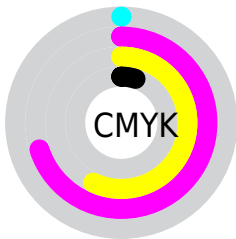
Distribution



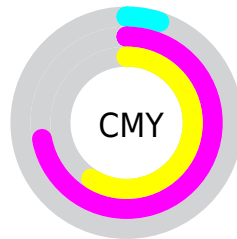
- Red (95%)
- Green (28%)
- Blue (41%)



- Red (95%)
- Yellow (28%)
- Blue (41%)



- Cyan (0%)
- Magenta (70%)
- Yellow (57%)
- Black (5%)





- Cyan (5%)
- Magenta (72%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4851, 24.5319, 15.9132 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 41.4851, 24.5319, 15.9132 by changing the saturation by 10% instead.


 41.4851, 24.5319,
15.9132


 41.4851, 24.5319,
15.9132


343.3721,
275.4987, 240.6572


 28.8877, 15.7287,
9.3091


 76.6898, 50.8968,
37.2121


 19.1397, 9.3323,
4.8438


 100.0278, 69.2272,
52.7440


 11.8759, 4.9586,
2.0988


 127.6767, 91.5022,
72.0889

 6.7308, 2.2230,
0.6150

 160.0018,
118.1061, 95.6653

 3.3392, 0.7325,
0.0000

 197.3686,
149.4233, 123.8918

 1.3356, 0.0000,
0.0000

240.1423,

 0.2096, 0.0000,

185.8382, 157.1869

0.0000

288.6884,
227.7352, 195.9692

■ 0.0000, 0.0000,
0.0000

■ 41.4851, 24.5319,
15.9132

■ 41.4851, 24.5319,
15.9132

■ 39.3265, 21.6395,
10.8023

■ 44.4900, 28.7496,
22.4407

■ 37.9196, 19.9078,
6.9972


■ 48.4185, 34.4231,
30.4810

■ 37.1301, 19.0821,
4.4117


■ 53.3406, 41.6721,
40.1231

■ 59.3194, 50.6025,
51.4485

■ 66.4124, 61.3109,
64.5333

 74.6728, 73.8869,
79.4485

 84.1507, 88.4138,
96.2615

 90.4278, 97.6171,
108.6837

Harmonies

Analogous

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



41.8296, 24.5319, 38.2708



41.4851, 24.5319, 15.9132



35.6153, 24.5319, 5.7125

Triad

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



41.4851, 24.5319, 15.9132



13.7808, 24.5319, 6.3926



19.9320, 24.5319, 97.1194

Complementary

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



41.4851, 24.5319, 15.9132



45.9353, 69.4861, 71.3196

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.



14.2360, 24.5319, 73.6077



41.4851, 24.5319, 15.9132



11.2758, 24.5319, 17.7506

Square

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



41.4851, 24.5319, 15.9132



19.1557, 24.5319, 2.7850



11.4205, 24.5319, 41.5383



28.0408, 24.5319, 95.5433

Rectangle

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



41.4851, 24.5319, 15.9132



29.9899, 24.5319, 3.1925



11.4205, 24.5319, 41.5383



17.7153, 24.5319, 91.4938

Sweetspot

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



41.4857, 24.5333, 15.9136



74.0955, 67.9889, 71.4010



44.3580, 24.4572, 86.3868



15.3647, 13.8035, 14.3758



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.



41.4857, 24.5333, 15.9136



43.5631, 23.4469, 10.2861



44.8718, 33.5131, 10.2365



15.8982, 15.8090, 17.0199



19.9843, 10.2661, 2.5679



1.6962, 0.8675, 0.3912

Inverse Universe

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



41.4857, 24.5333, 15.9136



43.5631, 23.4469, 10.2861



37.3318, 45.0519, 90.7323



15.8982, 15.8090, 17.0199



19.9843, 10.2661, 2.5679



1.6962, 0.8675, 0.3912

Previews

White Background



This preview shows how the XYZ color 41.4851, 24.5319, 15.9132 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 41.4851, 24.5319, 15.9132 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 41.4851, 24.5319, 15.9132

Background



This preview shows how black text looks on a background with the XYZ color 41.4851, 24.5319, 15.9132.



This preview shows how white text looks on a background with the XYZ color 41.4851, 24.5319,

15.9132.

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

41.4851, 24.5319, 15.9132

Protanopia

23.8248, 24.8466, 26.4618

Deuteranopia

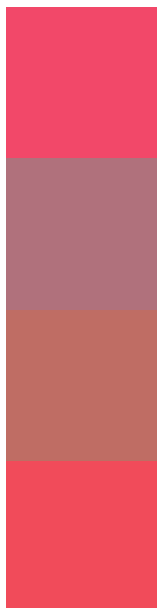
25.0406, 24.5097, 14.7203



Tritanopia

40.4147, 24.6026, 10.4033

Trichromacy



Original Color

41.4851, 24.5319, 15.9132

Protanomaly

27.4477, 22.4956, 21.9642

Deuteranomaly

29.2547, 22.9337, 14.9414

Tritanomaly

40.6372, 24.4711, 12.2544

Monochromacy



Original Color

41.4851, 24.5319, 15.9132

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.9497, 20.2823, 20.0527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4851, 24.5319, 15.9132 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(242, 72, 105)` looks like.

```
.text, #text, p{  
    color:rgb(242, 72, 105)  
}
```

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(242, 72, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 72, 105) }
```

Border

The CSS property to change the border of an element to XYZ 41.4851, 24.5319, 15.9132 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(242, 72, 105) }
```


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

```
.border{ border-color:rgb(242, 72, 105) }
```

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

Here you see how a box with a 4 pixel rgb(242, 72, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 72, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 72, 105);  
box-shadow:4px 4px 4px 4px rgb(242, 72,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4851, 24.5319, 15.9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 72, 105) }
```

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

```
.background{ background-color: rgb(242, 72,  
105) }
```

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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