

Converting Colors

XYZ(40.8857, 24.2959, 30.5470)

Have a look what the booklet for
XYZ(40.8857, 24.2959, 30.5470)
contains.

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Color

**XYZ(40.8847, 24.2959,
30.5517)**

Conversions

Conversions Part 1

Format	Color
Hex	E74C94
RGB	231, 76, 148
RGB Percent	91%, 30%, 58%
CMY	0.0941, 0.7019, 0.4196
CMYK	0.00, 0.67, 0.36, 0.09
HSL	332°, 76%, 60%
HSV	332°, 67%, 91%
XYZ	40.8847, 24.2959, 30.5517
YIQ	130.5530, 69.2680, 55.2520

Conversions

Conversions Part 2

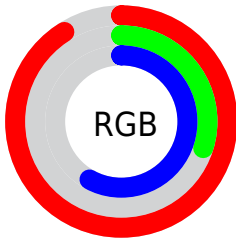
Format	Color
R_{YB}	231, 76, 148
Decimal	15158420
CIE _{Lab}	56.38, 65.44, -6.14
CIE _{LCh}	56, 65.729, 354.643
Yxy	24.2959, 0.4271, 0.2538
Android (android.graphics.Color)	4293348500 (0xFFE74C94)
YUV	130.5530, 8.6014, 88.0920
Hunter-Lab	49.2909, 61.7992, -2.2458

Details

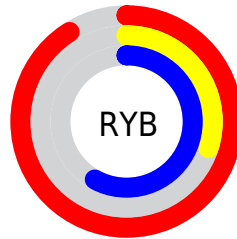
The XYZ color **40.8847, 24.2959, 30.5517** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **37.8159, 61.1922, 42.6230**, and the grayscale version is **21.3686, 22.4814, 24.4822**.

A 20% lighter version of the original color is **60.4258, 42.5745, 60.9100**, and **18.9523, 9.5210, 12.1481** is the 20% darker color. If you saturate the color by 10%, you get **38.6416, 21.2939, 25.2285**, and if you desaturate by 10%, it is **43.8048, 28.4844, 36.6173**.

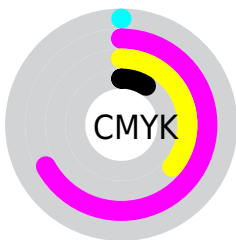
Distribution



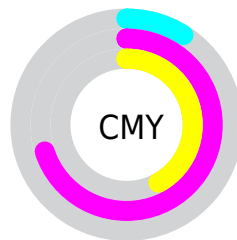
- Red (91%)
- Green (30%)
- Blue (58%)



- Red (91%)
- Yellow (30%)
- Blue (58%)



- Cyan (0%)
- Magenta (67%)
- Yellow (36%)
- Black (9%)





- Cyan (9%)
- Magenta (70%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8847, 24.2959, 30.5517 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 40.8847, 24.2959, 30.5517 by changing the saturation by 10% instead.

 40.8847, 24.2959,
30.5517


 40.8847, 24.2959,
30.5517


340.9093,
274.3131, 318.7546


 28.4163, 15.5533,
20.0021


 75.7846, 50.5126,
61.6049


 18.7817, 9.2086,
12.2125


 98.9469, 68.7555,
82.9455


 11.6157, 4.8775,
6.7643


 126.4044, 90.9340,
108.7203

 6.5529, 2.1756,
3.2389

 158.5226,
117.4323, 139.3477

 3.2279, 0.7066,
1.2179

 195.6669,
148.6350, 175.2463

 1.2754, 0.0000,
0.0000

238.2025,

 0.1647, 0.0000,

184.9265, 216.8346

0.0000

286.4949,
226.6910, 264.5312

■ 0.0000, 0.0000,
0.0000

■ 40.8847, 24.2959,
30.5517

■ 40.8847, 24.2959,
30.5517

■ 38.6416, 21.2939,
25.2285

■ 43.8048, 28.4844,
36.6173

■ 37.0059, 19.3444,
20.6077

■ 47.4580, 33.9665,
43.4589


■ 35.8910, 18.2798,
16.6438


■ 51.8964, 40.8418,
51.1087


■ 35.6245, 18.0567,
15.5996


■ 57.1666, 49.1988,
59.5966

■ 63.3115, 59.1188,
68.9504

 70.3707, 70.6768,
79.1967

 78.3815, 83.9434,
90.3607

 85.4978, 95.2220,
101.8393

 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.



37.1578, 24.2959, 58.7626



40.8847, 24.2959, 30.5517



39.0605, 24.2959, 12.5729

Triad

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



40.8847, 24.2959, 30.5517



17.5260, 24.2959, 3.7473



15.6346, 24.2959, 77.2827

Complementary

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



40.8847, 24.2959, 30.5517



37.8159, 61.1922, 42.6230

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.



12.2049, 24.2959, 47.9899



40.8847, 24.2959, 30.5517



13.1175, 24.2959, 8.8893

Square

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



40.8847, 24.2959, 30.5517



24.4822, 24.2959, 2.8462



11.3962, 24.2959, 22.7403



21.7565, 24.2959, 93.7073

Rectangle

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



40.8847, 24.2959, 30.5517



35.1111, 24.2959, 6.6119



11.3962, 24.2959, 22.7403



14.1870, 24.2959, 68.0364

Sweetspot

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



40.8854, 24.2972, 30.5521



76.7933, 70.0299, 82.6422



31.2418, 18.2770, 77.4824



15.9680, 14.2316, 16.9770



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.



40.8854, 24.2972, 30.5521



47.3794, 25.4365, 28.9547



37.2153, 23.4218, 9.3986



14.6541, 14.4788, 16.3791



20.0329, 10.1474, 9.0684



1.5269, 0.7685, 0.9151

Inverse Universe

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



40.8854, 24.2972, 30.5521



47.3794, 25.4365, 28.9547



44.5561, 61.6086, 85.1446



14.6541, 14.4788, 16.3791



20.0329, 10.1474, 9.0684



1.5269, 0.7685, 0.9151

Previews

White Background



This preview shows how the XYZ color 40.8847, 24.2959, 30.5517 looks on a white background.

Color Contrast Check

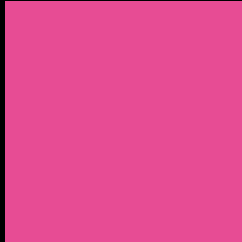
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.8847, 24.2959, 30.5517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

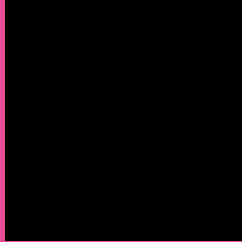
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.8847, 24.2959, 30.5517

Background



This preview shows how black text looks on a background with the XYZ color 40.8847, 24.2959, 30.5517.



This preview shows how white text looks on a background with the XYZ color 40.8847, 24.2959,

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

40.8847, 24.2959, 30.5517

Protanopia

25.1338, 24.5884, 49.8757

Deuteranopia

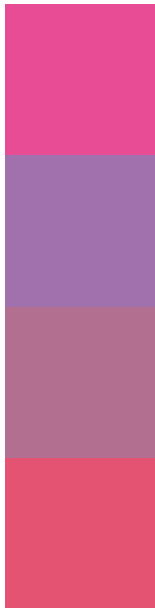
24.8825, 24.3291, 28.1955



Tritanopia

37.2713, 24.2838, 13.3125

Trichromacy



Original Color

40.8847, 24.2959, 30.5517

Protanomaly

27.8487, 22.2624, 41.8590

Deuteranomaly

29.0025, 22.8170, 28.8621

Tritanomaly

38.2025, 24.0495, 18.5481

Monochromacy



Original Color

40.8847, 24.2959, 30.5517

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

26.1361, 21.3905, 26.4182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8847, 24.2959, 30.5517 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, 76, 148)` looks like.

```
.text, #text, p{  
    color:rgb(231, 76, 148)  
}
```

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, 76, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 76, 148) }
```

Border

The CSS property to change the border of an element to XYZ 40.8847, 24.2959, 30.5517 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, 76, 148) }
```


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

```
.border{ border-color:rgb(231, 76, 148) }
```

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

Here you see how a box with a 4 pixel rgb(231, 76, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 76, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 76, 148);  
box-shadow:4px 4px 4px 4px rgb(231, 76,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8847, 24.2959, 30.5517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 76, 148) }
```

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

```
.background{ background-color: rgb(231, 76,  
148) }
```

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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