

Converting Colors

XYZ(40.4081, 24.2205, 23.3272)

Have a look what the booklet for
XYZ(40.4081, 24.2205, 23.3272)
contains.

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Color

**XYZ(40.4786, 24.2463,
23.3154)**

Conversions

Conversions Part 1

Format	Color
Hex	EA4C81
RGB	234, 76, 129
RGB Percent	92%, 30%, 51%
CMY	0.0824, 0.7019, 0.4941
CMYK	0.00, 0.68, 0.45, 0.08
HSL	340°, 79%, 61%
HSV	340°, 68%, 92%
XYZ	40.4786, 24.2463, 23.3154
YIQ	129.2840, 77.1550, 49.9790

Conversions

Conversions Part 2

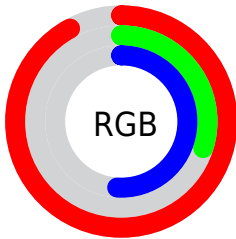
Format	Color
RYB	234, 76, 129
Decimal	15355009
CIELab	56.33, 64.40, 5.06
CIElCh	56, 64.599, 4.492
Yxy	24.2463, 0.4598, 0.2754
Android (android.graphics.Color)	4293545089 (0xFFEA4C81)
YUV	129.2840, -0.1400, 91.8359
Hunter-Lab	49.2405, 60.5665, 6.3945

Details

The XYZ color **40.4786, 24.2463, 23.3154** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **40.7455, 63.7190, 53.8725**, and the grayscale version is **20.9486, 22.0396, 24.0011**.

A 20% lighter version of the original color is **58.2086, 41.6876, 49.2345**, and **18.6815, 9.4634, 8.4314** is the 20% darker color. If you saturate the color by 10%, you get **38.1930, 21.2056, 17.8357**, and if you desaturate by 10%, it is **43.5088, 28.5245, 29.8199**.

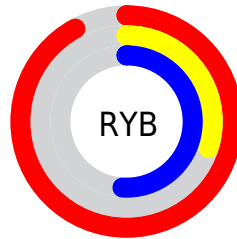
Distribution



Red (92%)

Green (30%)

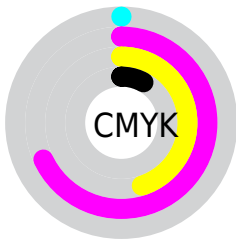
Blue (51%)



Red (92%)

Yellow (30%)

Blue (51%)

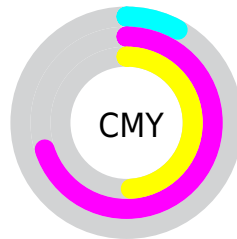


Cyan (0%)

Magenta (68%)

Yellow (45%)

Black (8%)



Cyan (8%)


Magenta (70%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4786, 24.2463, 23.3154 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 40.4786, 24.2463, 23.3154 by changing the saturation by 10% instead.

 40.4786, 24.2463,
23.3154


 40.4786, 24.2463,
23.3154

339.2366,
274.0633, 282.5151


 28.0978, 15.5164,
14.6191


 75.1715, 50.4318,
49.8404


 18.5402, 9.1826,
8.4088


 98.2142, 68.6563,
68.5062


 11.4405, 4.8605,
4.2662


 125.5417, 90.8144,
91.3323

 6.4334, 2.1656,
1.7725

 157.5192,
117.2905, 118.7371

 3.1535, 0.7012,
0.4097

 194.5120,
148.4691, 151.1393

 1.2355, 0.0000,
0.0000

236.8857,

 0.1341, 0.0000,

184.7345, 188.9573

0.0000

285.0054,
226.4711, 232.6097

■ 0.0000, 0.0000,
0.0000

■ 40.4786, 24.2463,
23.3154

■ 40.4786, 24.2463,
23.3154

■ 38.1930, 21.2056,
17.8357

■ 43.5088, 28.5245,
29.8199

■ 36.5759, 19.2614,
13.3199

■ 47.3453, 34.1529,
37.4020


■ 35.5309, 18.2330,
9.6985


■ 52.0453, 41.2359,
46.1118


■ 35.3242, 18.0494,
8.9213


■ 57.6601, 49.8665,
55.9956

■ 64.2367, 60.1298,
67.0971

 71.8190, 72.1049,
79.4574

 80.4480, 85.8655,
93.1156

 87.4871, 96.1306,
107.2175

 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



38.5418, 24.2463, 48.2999



40.4786, 24.2463, 23.3154



36.9825, 24.2463, 9.3165

Triad

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



40.4786, 24.2463, 23.3154



15.8481, 24.2463, 4.9688



17.4108, 24.2463, 83.4319

Complementary

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



40.4786, 24.2463, 23.3154



40.7455, 63.7190, 53.8725

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.



13.1405, 24.2463, 57.1129



40.4786, 24.2463, 23.3154



12.3840, 24.2463, 12.3815

Square

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



40.4786, 24.2463, 23.3154



21.9415, 24.2463, 2.9860



11.5116, 24.2463, 29.7455



24.1857, 24.2463, 92.0527

Rectangle

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



40.4786, 24.2463, 23.3154



32.4065, 24.2463, 5.1070



11.5116, 24.2463, 29.7455



15.6866, 24.2463, 75.8557

Sweetspot

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



40.4792, 24.2476, 23.3158



75.8981, 69.6718, 77.9282



35.9583, 20.6591, 79.9342



15.7550, 14.1464, 15.8552



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.



40.4792, 24.2476, 23.3158



45.5693, 24.7124, 19.4231



39.7657, 27.0728, 9.9690



15.2739, 15.1374, 16.7275



19.9027, 10.1638, 5.2890



1.6061, 0.8154, 0.6433

Inverse Universe

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



40.4792, 24.2476, 23.3158



45.5693, 24.7124, 19.4231



40.9536, 53.7196, 86.0522



15.2739, 15.1374, 16.7275



19.9027, 10.1638, 5.2890



1.6061, 0.8154, 0.6433

Previews

White Background



This preview shows how the XYZ color 40.4786, 24.2463, 23.3154 looks on a white background.

Color Contrast Check

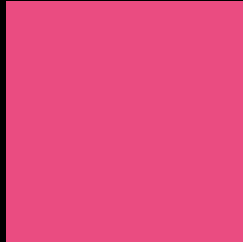
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4786, 24.2463, 23.3154 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 40.4786, 24.2463, 23.3154

Background



This preview shows how black text looks on a background with the XYZ color 40.4786, 24.2463, 23.3154.



This preview shows how white text looks on a background with the XYZ color 40.4786, 24.2463,

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

40.4786, 24.2463, 23.3154

Protanopia

24.1892, 24.3617, 38.0777

Deuteranopia

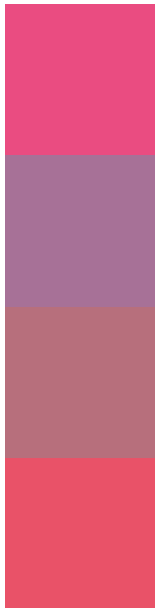
24.8939, 24.4831, 21.5028



Tritanopia

38.3727, 24.3910, 12.3583

Trichromacy



Original Color

40.4786, 24.2463, 23.3154

Protanomaly

27.4274, 22.2601, 32.1292

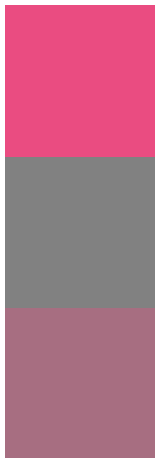
Deuteranomaly

28.8510, 22.8914, 21.9667

Tritanomaly

39.1203, 24.3577, 15.7363

Monochromacy



Original Color

40.4786, 24.2463, 23.3154

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

25.4747, 20.9523, 23.4704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4786, 24.2463, 23.3154 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(234, 76, 129)` looks like.

```
.text, #text, p{  
    color:rgb(234, 76, 129)  
}
```

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(234, 76, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 76, 129) }
```

Border

The CSS property to change the border of an element to XYZ 40.4786, 24.2463, 23.3154 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(234, 76, 129) }
```


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

```
.border{ border-color:rgb(234, 76, 129) }
```

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

Here you see how a box with a 4 pixel rgb(234, 76, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 76, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 76, 129);  
box-shadow:4px 4px 4px 4px rgb(234, 76,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4786, 24.2463, 23.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 76, 129) }
```

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

```
.background{ background-color: rgb(234, 76,  
129) }
```

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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