

Converting Colors

XYZ(41.3085, 23.9438, 24.8088)

Have a look what the booklet for
XYZ(41.3085, 23.9438, 24.8088)
contains.

XYZ(41.2868, 23.9542, 24.6379)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.2868, 23.9542,
24.6379)**

Conversions

Conversions Part 1

Format	Color
Hex	ED4585
RGB	237, 69, 133
RGB Percent	93%, 27%, 52%
CMY	0.0706, 0.7294, 0.4784
CMYK	0.00, 0.71, 0.44, 0.07
HSL	337°, 82%, 60%
HSV	337°, 71%, 93%
XYZ	41.2868, 23.9542, 24.6379
YIQ	126.5280, 79.5840, 55.5200

Conversions

Conversions Part 2

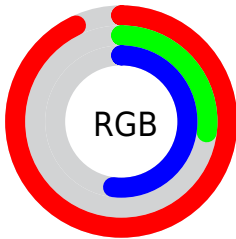
Format	Color
R_{YB}	237, 69, 133
Decimal	15549829
CIE _{Lab}	56.04, 68.14, 2.34
CIE _{LCh}	56, 68.185, 1.963
Yxy	23.9542, 0.4594, 0.2665
Android (android.graphics.Color)	4293739909 (0xFFED4585)
YUV	126.5280, 3.1907, 96.8839
Hunter-Lab	48.9430, 64.9267, 4.4136

Details

The XYZ color **41.2868, 23.9542, 24.6379** 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 **40.2829, 64.8514, 49.9347**, and the grayscale version is **19.9830, 21.0237, 22.8948**.

A 20% lighter version of the original color is **57.9532, 40.5057, 51.2183**, and **19.5047, 9.8702, 9.2646** is the 20% darker color. If you saturate the color by 10%, you get **39.1648, 21.2209, 19.2738**, and if you desaturate by 10%, it is **44.1334, 27.9103, 30.9425**.

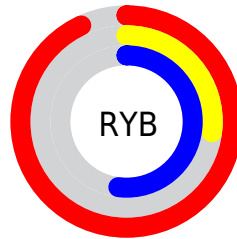
Distribution



Red (93%)

Green (27%)

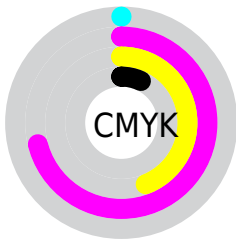
Blue (52%)



Red (93%)

Yellow (27%)

Blue (52%)

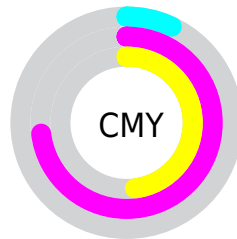


Cyan (0%)

Magenta (71%)

Yellow (44%)

Black (7%)



Cyan (7%)


Magenta (73%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2868, 23.9542, 24.6379 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 41.2868, 23.9542, 24.6379 by changing the saturation by 10% instead.


 41.2868, 23.9542,
24.6379


 41.2868, 23.9542,
24.6379


342.5600,
272.5888, 289.4196


 28.7319, 15.2996,
15.5909


 76.3910, 49.9555,
52.0260


 19.0214, 9.0300,
9.0839


 99.6711, 68.0709,
71.2042


 11.7898, 4.7607,
4.6984


 127.2569, 90.1089,
94.5965

 6.6719, 2.1076,
2.0158

 159.5139,
116.4536, 122.6216

 3.3023, 0.6689,
0.5650

 196.8073,
147.4896, 155.6979

 1.3156, 0.0000,
0.0000

239.5026,

 0.1948, 0.0000,

183.6012, 194.2439

0.0000

287.9650,
225.1728, 238.6783

■ 0.0000, 0.0000,
0.0000

■ 41.2868, 23.9542,
24.6379

■ 41.2868, 23.9542,
24.6379

■ 39.1648, 21.2209,
19.2738

■ 44.1334, 27.9103,
30.9425

■ 37.6858, 19.5560,
14.7937


■ 47.7701, 33.2111,
38.2361


■ 36.7823, 18.7474,
11.4148


■ 52.2568, 39.9681,
46.5644


■ 57.6467, 48.2797,
55.9697

■ 63.9885, 58.2361,
66.4914

 71.3273, 69.9200,
78.1670

 79.7054, 83.4091,
91.0321

 87.9998, 96.4504,
104.7328

 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



38.7370, 23.9542, 51.9287



41.2868, 23.9542, 24.6379



38.0093, 23.9542, 9.3114

Triad

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



41.2868, 23.9542, 24.6379



15.7153, 23.9542, 3.9779



16.4208, 23.9542, 85.3306

Complementary

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



41.2868, 23.9542, 24.6379



40.2829, 64.8514, 49.9347

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.



12.2669, 23.9542, 56.0682



41.2868, 23.9542, 24.6379



11.9298, 23.9542, 10.6540

Square

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



41.2868, 23.9542, 24.6379



22.2577, 23.9542, 2.3986



10.8274, 23.9542, 27.5816



23.2855, 23.9542, 96.8677

Rectangle

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



41.2868, 23.9542, 24.6379



33.3156, 23.9542, 4.7705



10.8274, 23.9542, 27.5816



14.7205, 23.9542, 76.6474

Sweetspot

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



41.2874, 23.9555, 24.6383



75.3962, 68.5092, 78.2503



34.5610, 19.2111, 82.0072



15.6702, 13.9257, 15.9844



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.



41.2874, 23.9555, 24.6383



45.3809, 24.0382, 20.2773



39.5395, 25.5142, 8.4728



15.3029, 15.1490, 16.8802



20.1409, 10.2590, 6.5432



1.6271, 0.8238, 0.7538

Inverse Universe

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



41.2874, 23.9555, 24.6383



45.3809, 24.0382, 20.2773



42.6574, 57.2127, 88.9155



15.3029, 15.1490, 16.8802



20.1409, 10.2590, 6.5432



1.6271, 0.8238, 0.7538

Previews

White Background



This preview shows how the XYZ color 41.2868, 23.9542, 24.6379 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 41.2868, 23.9542, 24.6379 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 41.2868, 23.9542, 24.6379

Background



This preview shows how black text looks on a background with the XYZ color 41.2868, 23.9542, 24.6379.



This preview shows how white text looks on a background with the XYZ color 41.2868, 23.9542,

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

41.2868, 23.9542, 24.6379

Protanopia

24.1957, 24.0753, 41.8998

Deuteranopia

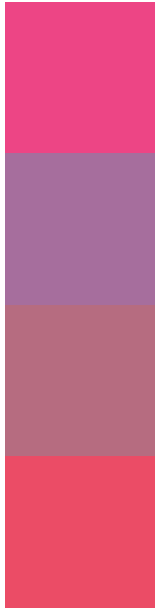
24.4468, 24.0252, 22.7509



Tritanopia

38.4400, 23.8856, 11.1787

Trichromacy



Original Color

41.2868, 23.9542, 24.6379

Protanomaly

27.3876, 21.6932, 34.6420

Deuteranomaly

28.5502, 22.2287, 23.2079

Tritanomaly

39.2437, 23.7904, 15.0940

Monochromacy



Original Color

41.2868, 23.9542, 24.6379

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

25.0528, 20.1085, 23.3298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2868, 23.9542, 24.6379 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(237, 69, 133)` looks like.

```
.text, #text, p{  
    color:rgb(237, 69, 133)  
}
```

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(237, 69, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 69, 133) }
```

Border

The CSS property to change the border of an element to XYZ 41.2868, 23.9542, 24.6379 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(237, 69, 133) }
```


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

```
.border{ border-color:rgb(237, 69, 133) }
```

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

Here you see how a box with a 4 pixel rgb(237, 69, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 69, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 69, 133);  
box-shadow:4px 4px 4px 4px rgb(237, 69,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2868, 23.9542, 24.6379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 69, 133) }
```

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

```
.background{ background-color: rgb(237, 69,  
133) }
```

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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