

Converting Colors

XYZ(41.2082, 23.7769, 43.4861)

Have a look what the booklet for
XYZ(41.2082, 23.7769, 43.4861)
contains.

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Color

**XYZ(41.2052, 23.7769,
43.4919)**

Conversions

Conversions Part 1

Format	Color
Hex	E148B0
RGB	225, 72, 176
RGB Percent	88%, 28%, 69%
CMY	0.1176, 0.7176, 0.3098
CMYK	0.00, 0.68, 0.22, 0.12
HSL	319°, 72%, 58%
HSV	319°, 68%, 88%
XYZ	41.2052, 23.7769, 43.4919
YIQ	129.6030, 57.8040, 64.7800

Conversions

Conversions Part 2

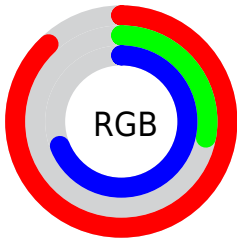
Format	Color
R _Y B	225, 72, 176
Decimal	14764208
CIE _{Lab}	55.86, 68.66, -23.39
CIE _{LCh}	56, 72.537, 341.189
Yxy	23.7769, 0.3799, 0.2192
Android (android.graphics.Color)	4292954288 (0xFFE148B0)
YUV	129.6030, 22.8737, 83.6632
Hunter-Lab	48.7616, 65.5059, -18.7494

Details

The XYZ color **41.2052, 23.7769, 43.4919** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **33.0502, 56.6095, 27.2768**, and the grayscale version is **20.9871, 22.0801, 24.0452**.

A 20% lighter version of the original color is **63.9218, 43.3188, 81.3362**, and **19.3010, 9.5371, 19.5624** is the 20% darker color. If you saturate the color by 10%, you get **39.3133, 21.1039, 39.4363**, and if you desaturate by 10%, it is **43.6684, 27.5314, 47.9251**.

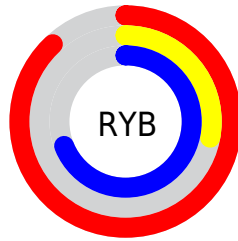
Distribution



Red (88%)

Green (28%)

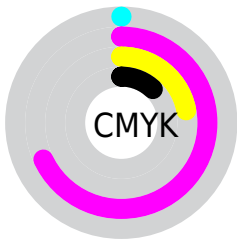
Blue (69%)



Red (88%)

Yellow (28%)

Blue (69%)

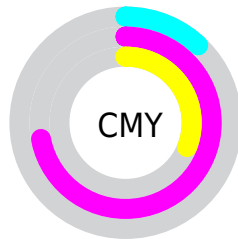


Cyan (0%)

Magenta (68%)

Yellow (22%)

Black (12%)



Cyan (12%)


Magenta (72%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2052, 23.7769, 43.4919 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 41.2052, 23.7769, 43.4919 by changing the saturation by 10% instead.


 41.2052, 23.7769,
43.4919

 41.2052, 23.7769,
43.4919

342.2255,
271.6906, 376.6113


 28.6678, 15.1682,
29.9370


 76.2680, 49.6659,
81.7469


 18.9727, 8.9375,
19.5391


 99.5242, 67.7150,
107.2842


 11.7544, 4.7005,
11.8797


 127.0841, 89.6796,
137.6526

 6.6477, 2.0726,
6.5403

 159.3129,
115.9443, 173.2707

 3.2871, 0.6492,
3.1023

 196.5761,
146.8933, 214.5571

 1.3074, 0.0000,
1.1471

239.2390,

 0.1887, 0.0000,

182.9111, 261.9303

0.0000

287.6670,
224.3821, 315.8089

■ 0.0000, 0.0000,
0.0000

■ 41.2052, 23.7769,
43.4919

■ 41.2052, 23.7769,
43.4919

■ 39.3133, 21.1039,
39.4363

■ 43.6684, 27.5314,
47.9251

■ 37.9286, 19.3859,
35.7334

■ 46.7533, 32.4681,
52.7550


■ 36.9650, 18.4513,
32.3519

■ 50.5072, 38.6803,
58.0002


■ 36.7961, 18.3055,
31.7039


■ 54.9718, 46.2508,
63.6773

■ 60.1856, 55.2556,
69.8018

 66.1841, 65.7647,
76.3880

 73.0005, 77.8439,
83.4496

 80.6660, 91.5547,
90.9995

 82.6674, 93.8700,
96.8690

Harmonies

Analogous

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



34.7499, 23.7769, 77.3948



41.2052, 23.7769, 43.4919



42.0258, 23.7769, 18.0301

Triad

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



41.2052, 23.7769, 43.4919



19.6563, 23.7769, 1.9971



12.6334, 23.7769, 68.8606

Complementary

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



41.2052, 23.7769, 43.4919



33.0502, 56.6095, 27.2768

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.



10.3284, 23.7769, 35.7526



41.2052, 23.7769, 43.4919



13.6733, 23.7769, 4.5328

Square

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



41.2052, 23.7769, 43.4919



28.1148, 23.7769, 2.2942



10.6559, 23.7769, 13.8213



17.8568, 23.7769, 97.1871

Rectangle

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



41.2052, 23.7769, 43.4919



39.0834, 23.7769, 8.7595



10.6559, 23.7769, 13.8213



11.5566, 23.7769, 57.2963

Sweetspot

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



41.2060, 23.7781, 43.4923



78.3635, 70.6580, 90.9108



23.7178, 14.0979, 72.7057



16.3447, 14.3823, 18.9606



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.



41.2060, 23.7781, 43.4923



51.2934, 26.8383, 50.0705



35.6725, 21.5647, 14.3534



14.0985, 13.8570, 16.2888



21.2589, 10.5706, 18.5611



1.5138, 0.7488, 1.4986

Inverse Universe

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



41.2060, 23.7781, 43.4923



51.2934, 26.8383, 50.0705



39.6711, 59.2578, 62.1416



14.0985, 13.8570, 16.2888



21.2589, 10.5706, 18.5611



1.5138, 0.7488, 1.4986

Previews

White Background



This preview shows how the XYZ color 41.2052, 23.7769, 43.4919 looks on a white background.

Color Contrast Check

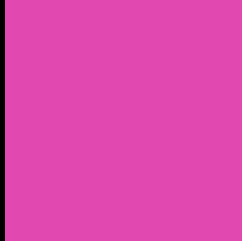
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.2052, 23.7769, 43.4919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

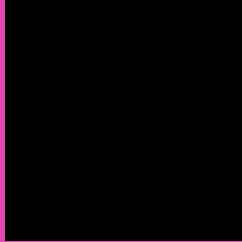
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.2052, 23.7769, 43.4919

Background



This preview shows how black text looks on a background with the XYZ color 41.2052, 23.7769, 43.4919.



This preview shows how white text looks on a background with the XYZ color 41.2052, 23.7769,

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

41.2052, 23.7769, 43.4919

Protanopia

26.2309, 24.0479, 72.3664

Deuteranopia

24.4322, 24.0384, 39.9114



Tritanopia

35.0799, 23.6350, 14.5175

Trichromacy



Original Color

41.2052, 23.7769, 43.4919



Protanomaly

28.0970, 21.4889, 60.4245



Deuteranomaly

28.3487, 22.0535, 40.7928



Tritanomaly

36.8981, 23.4015, 22.6509

Monochromacy



Original Color

41.2052, 23.7769, 43.4919



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

26.2521, 21.0432, 30.2819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2052, 23.7769, 43.4919 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(225, 72, 176)` looks like.

```
.text, #text, p{  
    color:rgb(225, 72, 176)  
}
```

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(225, 72, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 72, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.2052, 23.7769, 43.4919 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(225, 72, 176) }
```


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

```
.border{ border-color:rgb(225, 72, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 72, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 72, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 72, 176);  
box-shadow:4px 4px 4px 4px rgb(225, 72,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2052, 23.7769, 43.4919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 72, 176) }
```

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

```
.background{ background-color: rgb(225, 72,  
176) }
```

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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