

Converting Colors

XYZ(43.1551, 23.4826, 41.4644)

Have a look what the booklet for
XYZ(43.1551, 23.4826, 41.4644)
contains.

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Color

**XYZ(43.1215, 23.4691,
41.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	EB38AC
RGB	235, 56, 172
RGB Percent	92%, 22%, 67%
CMY	0.0784, 0.7803, 0.3255
CMYK	0.00, 0.76, 0.27, 0.08
HSL	321°, 82%, 57%
HSV	321°, 76%, 92%
XYZ	43.1215, 23.4691, 41.2870
YIQ	122.7450, 69.4480, 74.0240

Conversions

Conversions Part 2

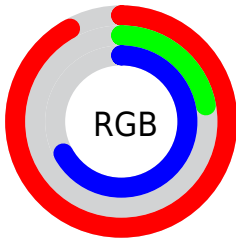
Format	Color
R _Y B	235, 56, 172
Decimal	15415468
CIE Lab	55.55, 75.78, -21.39
CIE LCh	56, 78.745, 344.236
Yxy	23.4691, 0.3997, 0.2176
Android (android.graphics.Color)	4293605548 (0xFFEB38AC)
YUV	122.7450, 24.2827, 98.4476
Hunter-Lab	48.4449, 74.1067, -16.6182

Details

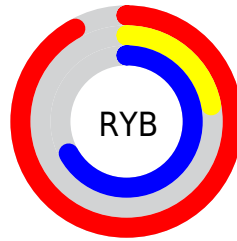
The XYZ color **43.1215, 23.4691, 41.2870** is a light color, and the websafe version is hex **CC3399**. The color can be described as light washed rose. A complement of this color would be **34.6705, 61.5901, 27.5174**, and the grayscale version is **18.6514, 19.6227, 21.3691**.

A 20% lighter version of the original color is **61.9601, 40.2944, 77.9107**, and **21.0694, 10.4700, 18.6797** is the 20% darker color. If you saturate the color by 10%, you get **41.4678, 21.3936, 36.9376**, and if you desaturate by 10%, it is **45.3601, 26.6348, 46.0757**.

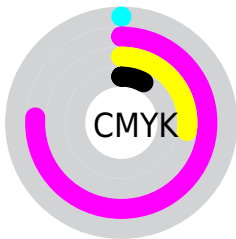
Distribution



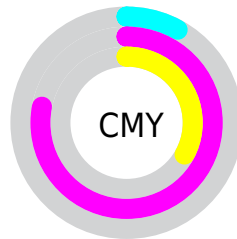
- Red (92%)
- Green (22%)
- Blue (67%)



- Red (92%)
- Yellow (22%)
- Blue (67%)



- Cyan (0%)
- Magenta (76%)
- Yellow (27%)
- Black (8%)





- Cyan (8%)
- Magenta (78%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1215, 23.4691, 41.2870 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 43.1215, 23.4691, 41.2870 by changing the saturation by 10% instead.


 43.1215, 23.4691,
41.2870


 43.1215, 23.4691,
41.2870

350.0242,
270.1253, 367.2308


 30.1754, 14.9403,
28.2220


 79.1487, 49.1624,
78.3778

 20.1205, 8.7775,
18.2526

 102.9606, 67.0958,
103.2407


 12.5914, 4.5963,
10.9602


 131.1251, 88.9327,
132.8732

 7.2229, 2.0124,
5.9262

 164.0075,
115.0576, 167.6941

 3.6494, 0.6147,
2.7322

 201.9733,
145.8549, 208.1217

 1.5058, 0.0000,
0.9596

245.3878,

 0.3298, 0.0000,

181.7091, 254.5747

0.0000

294.6163,
223.0044, 307.4715

■ 0.0000, 0.0000,
0.0000

■ 43.1215, 23.4691,
41.2870

■ 43.1215, 23.4691,
41.2870

■ 41.4678, 21.3936,
36.9376

■ 45.3601, 26.6348,
46.0757

■ 40.3137, 20.2398,
32.9941


■ 48.2483, 31.0195,
51.3291


■ 39.9519, 19.9386,
31.5713

■ 51.8444, 36.7381,
57.0709


■ 56.1993, 43.8909,
63.3221

■ 61.3588, 52.5686,
70.1021

 67.3653, 62.8545,
77.4287

 74.2580, 74.8257,
85.3190

 82.0735, 88.5544,
93.7888

 86.7238, 95.8633,
101.4791

Harmonies

Analogous

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



36.4752, 23.4691, 79.0917



43.1215, 23.4691, 41.2870



43.3049, 23.4691, 15.3107

Triad

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



43.1215, 23.4691, 41.2870



18.3633, 23.4691, 1.4166



12.1677, 23.4691, 77.1468

Complementary

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



43.1215, 23.4691, 41.2870



34.6705, 61.5901, 27.5174

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.



9.5058, 23.4691, 39.5746



43.1215, 23.4691, 41.2870



12.3842, 23.4691, 4.0838

Square

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



43.1215, 23.4691, 41.2870



27.2781, 23.4691, 1.4663



9.5727, 23.4691, 14.4317



17.9792, 23.4691, 107.4991

Rectangle

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



43.1215, 23.4691, 41.2870



39.6238, 23.4691, 6.7269



9.5727, 23.4691, 14.4317



10.9529, 23.4691, 64.1530

Sweetspot

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



43.1222, 23.4703, 41.2874



75.9615, 66.8590, 87.0122



23.9711, 12.7255, 79.7903



15.7276, 13.4065, 17.9586



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.



43.1222, 23.4703, 41.2874



49.1196, 24.9005, 41.9169



37.2318, 21.1141, 10.2686



15.4766, 15.2185, 17.7952



22.2978, 11.1218, 17.9013



1.7962, 0.8915, 1.6444

Inverse Universe

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



43.1222, 23.4703, 41.2874



49.1196, 24.9005, 41.9169



42.7439, 64.8194, 70.0312



15.4766, 15.2185, 17.7952



22.2978, 11.1218, 17.9013



1.7962, 0.8915, 1.6444

Previews

White Background



This preview shows how the XYZ color 43.1215, 23.4691, 41.2870 looks on a white background.

Color Contrast Check

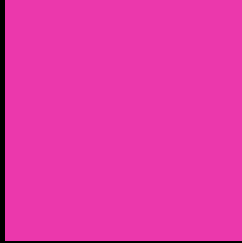
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1215, 23.4691, 41.2870 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 43.1215, 23.4691, 41.2870

Background



This preview shows how black text looks on a background with the XYZ color 43.1215, 23.4691, 41.2870.



This preview shows how white text looks on a background with the XYZ color 43.1215, 23.4691,

41.2870.

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

43.1215, 23.4691, 41.2870

Protanopia

26.3999, 23.8420, 76.6093

Deuteranopia

24.1536, 23.7468, 37.4930



Tritanopia

36.8496, 23.3851, 11.8041

Trichromacy



Original Color

43.1215, 23.4691, 41.2870



Protanomaly

27.7370, 20.1839, 62.1085



Deuteranomaly

28.1954, 21.0888, 38.6609



Tritanomaly

38.6673, 23.0859, 19.8708

Monochromacy



Original Color

43.1215, 23.4691, 41.2870



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

24.5794, 18.7393, 27.5209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1215, 23.4691, 41.2870 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(235, 56, 172)` looks like.

```
.text, #text, p{  
    color:rgb(235, 56, 172)  
}
```

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(235, 56, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 56, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.1215, 23.4691, 41.2870 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(235, 56, 172) }
```


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

```
.border{ border-color:rgb(235, 56, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 56, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 56, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 56, 172);  
box-shadow:4px 4px 4px 4px rgb(235, 56,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1215, 23.4691, 41.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 56, 172) }
```

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

```
.background{ background-color: rgb(235, 56,  
172) }
```

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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