

Converting Colors

XYZ(45.6360, 38.1920, 43.3236)

Have a look what the booklet for
XYZ(45.6360, 38.1920, 43.3236)
contains.

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Color

**XYZ(45.5160, 38.1039,
43.4839)**

Conversions

Conversions Part 1

Format	Color
Hex	D693AB
RGB	214, 147, 171
RGB Percent	84%, 58%, 67%
CMY	0.1608, 0.4235, 0.3294
CMYK	0.00, 0.31, 0.20, 0.16
HSL	339°, 45%, 71%
HSV	339°, 31%, 84%
XYZ	45.5160, 38.1039, 43.4839
YIQ	169.7690, 32.2280, 21.6680

Conversions

Conversions Part 2

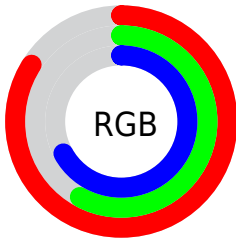
Format	Color
R_{YB}	214, 147, 171
Decimal	14062507
CIE _{Lab}	68.10, 28.69, -2.29
CIE _{LCh}	68, 28.785, 355.441
Yxy	38.1039, 0.3581, 0.2998
Android (android.graphics.Color)	4292252587 (0xFFD693AB)
YUV	169.7690, 0.6069, 38.7906
Hunter-Lab	61.7284, 23.5941, 1.4436

Details

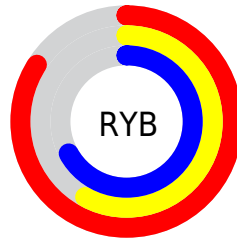
The XYZ color **45.5160, 38.1039, 43.4839** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3751, 58.0149, 57.5246**, and the grayscale version is **38.0803, 40.0634, 43.6291**.

A 20% lighter version of the original color is **76.0880, 68.9920, 81.2580**, and **21.5225, 16.7854, 19.5583** is the 20% darker color. If you saturate the color by 10%, you get **41.2507, 31.5606, 35.9350**, and if you desaturate by 10%, it is **50.5385, 45.9431, 51.9573**.

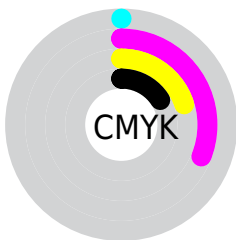
Distribution



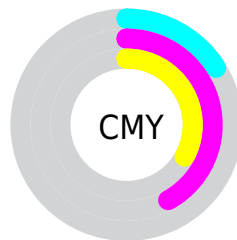
- Red (84%)
- Green (58%)
- Blue (67%)



- Red (84%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5160, 38.1039, 43.4839 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 45.5160, 38.1039, 43.4839 by changing the saturation by 10% instead.


 45.5160, 38.1039,
43.4839


 45.5160, 38.1039,
43.4839


359.6080,
338.0655, 376.5776

 32.0671, 26.0633,
29.9308


 82.7265, 72.2674,
81.7348

 21.5685, 16.8710,
19.5344


 107.2188, 95.1591,
107.2695

 13.6550, 10.1426,
11.8764


136.1228,
122.4366, 137.6353

 7.9612, 5.4936,
6.5380

169.8041,
154.4843, 173.2506

 4.1217, 2.5397,
3.1009

208.6279,
191.6867, 214.5339

 1.7712, 0.8964,
1.1464

252.9596,

 0.5002, 0.0000,

234.4281, 261.9038

0.0000

303.1645,
283.0929, 315.7789

■ 0.0000, 0.0000,
0.0000

■ 45.5160, 38.1039,
43.4839

■ 45.5160, 38.1039,
43.4839

■ 41.2507, 31.5606,
35.9350

■ 50.5385, 45.9431,
51.9573

■ 37.7010, 26.2375,
29.2751

■ 56.3506, 55.1380,
61.3843

■ 34.8256, 22.0592,
23.4694

■ 62.9869, 65.7509,
71.7956

■ 32.5781, 18.9395,
18.4799

■ 70.4786, 77.8388,
83.2195

■ 30.9051, 16.7799,
14.2649

■ 78.8556, 91.4556,
95.6834

■ 29.7440, 15.4631,
10.7781

■ 81.2872, 92.9344,
106.9272

■ 29.0589, 14.8271,
8.2866

■ 81.5417, 93.0362,
108.2678

Harmonies

Analogous

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



43.7969, 38.1039, 57.1431



45.5160, 38.1039, 43.4839



44.5799, 38.1039, 31.7534

Triad

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



45.5160, 38.1039, 43.4839



32.6352, 38.1039, 22.9363



31.5395, 38.1039, 65.3465

Complementary

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



45.5160, 38.1039, 43.4839



45.3751, 58.0149, 57.5246

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.



28.9707, 38.1039, 53.0345



45.5160, 38.1039, 43.4839



29.5657, 38.1039, 28.9912

Square

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



45.5160, 38.1039, 43.4839



36.9067, 38.1039, 21.4101



28.2789, 38.1039, 39.5554



35.5351, 38.1039, 71.3162

Rectangle

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



45.5160, 38.1039, 43.4839



42.6139, 38.1039, 26.2554



28.2789, 38.1039, 39.5554



30.4939, 38.1039, 61.7029

Sweetspot

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



45.5171, 38.1057, 43.4847



85.8790, 85.3087, 94.5884



43.6668, 36.5988, 68.3815



18.0850, 17.7869, 19.7752



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.



45.5171, 38.1057, 43.4847



63.0880, 49.5895, 56.5856



44.8767, 40.1592, 32.9922



12.6052, 12.4936, 13.8612



17.6094, 8.9801, 5.2474



1.1010, 0.5572, 0.5214

Inverse Universe

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



45.5171, 38.1057, 43.4847



63.0880, 49.5895, 56.5856



46.0189, 54.7538, 71.7618



12.6052, 12.4936, 13.8612



17.6094, 8.9801, 5.2474



1.1010, 0.5572, 0.5214

Previews

White Background



This preview shows how the XYZ color 45.5160, 38.1039, 43.4839 looks on a white background.

Color Contrast Check

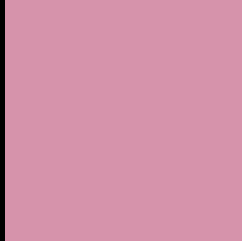
Large Text (above 18pt) WCAG AA × Fail

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 45.5160, 38.1039, 43.4839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

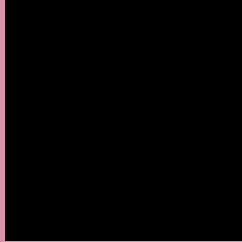
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5160, 38.1039, 43.4839

Background



This preview shows how black text looks on a background with the XYZ color 45.5160, 38.1039, 43.4839.



This preview shows how white text looks on a background with the XYZ color 45.5160, 38.1039,

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

45.5160, 38.1039, 43.4839

Protanopia

37.4157, 38.2870, 49.6741

Deuteranopia

38.8688, 38.1406, 42.3591



Tritanopia

44.5332, 38.1791, 38.2799

Trichromacy



Original Color

45.5160, 38.1039, 43.4839

Protanomaly

39.7912, 37.7354, 47.3059

Deuteranomaly

41.0422, 37.9790, 42.7036

Tritanomaly

44.7313, 38.0063, 40.1003

Monochromacy



Original Color

45.5160, 38.1039, 43.4839

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.4257, 39.1820, 43.4624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5160, 38.1039, 43.4839 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(214, 147, 171)` looks like.

```
.text, #text, p{  
    color:rgb(214, 147, 171)  
}
```

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(214, 147, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 147, 171) }
```

Border

The CSS property to change the border of an element to XYZ 45.5160, 38.1039, 43.4839 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(214, 147, 171) }
```


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

```
.border{ border-color:rgb(214, 147, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 147, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 147, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 147, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 147,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5160, 38.1039, 43.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 147, 171) }
```

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

```
.background{ background-color: rgb(214,  
147, 171) }
```

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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