

Converting Colors

XYZ(45.3822, 38.2563, 41.8603)

Have a look what the booklet for
XYZ(45.3822, 38.2563, 41.8603)
contains.

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Color

**XYZ(45.3893, 38.3031,
42.0467)**

Conversions

Conversions Part 1

Format	Color
Hex	D694A8
RGB	214, 148, 168
RGB Percent	84%, 58%, 66%
CMY	0.1608, 0.4196, 0.3412
CMYK	0.00, 0.31, 0.21, 0.16
HSL	342°, 45%, 71%
HSV	342°, 31%, 84%
XYZ	45.3893, 38.3031, 42.0467
YIQ	170.0140, 32.9160, 20.2120

Conversions

Conversions Part 2

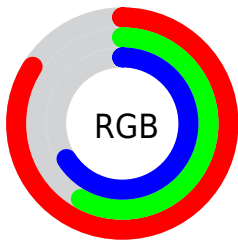
Format	Color
R_{YB}	214, 148, 168
Decimal	14062760
CIE _{Lab}	68.24, 27.70, -0.39
CIE _{LCh}	68, 27.703, 359.183
Yxy	38.3031, 0.3610, 0.3046
Android (android.graphics.Color)	4292252840 (0xFFD694A8)
YUV	170.0140, -0.9929, 38.5757
Hunter-Lab	61.8895, 22.6040, 3.0420

Details

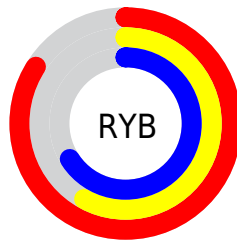
The XYZ color **45.3893, 38.3031, 42.0467** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9985, 58.2850, 59.8675**, and the grayscale version is **38.2097, 40.1996, 43.7773**.

A 20% lighter version of the original color is **75.9152, 69.2996, 79.1870**, and **21.4358, 16.8958, 18.6544** is the 20% darker color. If you saturate the color by 10%, you get **41.0269, 31.6759, 34.1254**, and if you desaturate by 10%, it is **50.5338, 46.2387, 51.0160**.

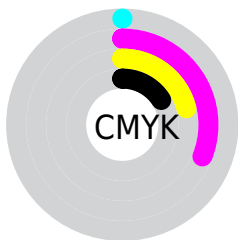
Distribution



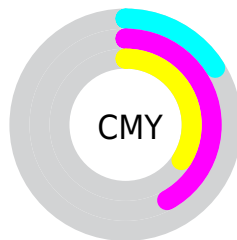
- Red (84%)
- Green (58%)
- Blue (66%)



- Red (84%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3893, 38.3031, 42.0467 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 45.3893, 38.3031, 42.0467 by changing the saturation by 10% instead.


 45.3893, 38.3031,
42.0467

 45.3893, 38.3031,
42.0467


359.1052,
338.9184, 370.4819

 31.9668, 26.2180,
28.8120


 82.5378, 72.5725,
79.5412

 21.4915, 16.9868,
18.6943


 106.9944, 95.5256,
104.6380

 13.5983, 10.2251,
11.2750


135.8598,
122.8701, 134.5260

 7.9216, 5.5485,
6.1356

169.4992,
154.9905, 169.6236

 4.0962, 2.5725,
2.8576

208.2782,
192.2711, 210.3495

 1.7567, 0.9129,
1.0224

252.5619,

 0.4914, 0.0000,

235.0964, 257.1222

0.0000

302.7158,
283.8507, 310.3601

■ 0.0000, 0.0000,
0.0000

■ 45.3893, 38.3031,
42.0467

■ 45.3893, 38.3031,
42.0467

■ 41.0269, 31.6759,
34.1254

■ 50.5338, 46.2387,
51.0160

■ 37.4038, 26.2811,
27.2102

■ 56.4939, 55.5425,
61.0685

■ 34.4779, 22.0431,
21.2594

■ 63.3050, 66.2774,
72.2404

■ 32.2011, 18.8756,
16.2276

■ 70.9995, 78.5003,
84.5655

■ 30.5192, 16.6802,
12.0648

■ 79.6062, 92.2620,
98.0758

■ 29.3682, 15.3400,
8.7159

■ 81.5417, 93.0362,
108.2678

■ 28.6811, 14.6760,
6.2977

Harmonies

Analogous

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



44.0410, 38.3031, 55.1642



45.3893, 38.3031, 42.0467



44.1761, 38.3031, 31.1182

Triad

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



45.3893, 38.3031, 42.0467



32.4923, 38.3031, 24.1479



32.3019, 38.3031, 65.7401

Complementary

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



45.3893, 38.3031, 42.0467



45.9985, 58.2850, 59.8675

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.



29.6050, 38.3031, 54.4572



45.3893, 38.3031, 42.0467



29.7086, 38.3031, 30.6360

Square

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



45.3893, 38.3031, 42.0467



36.5249, 38.3031, 22.1057



28.6937, 38.3031, 41.3663



36.2873, 38.3031, 70.4066

Rectangle

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



45.3893, 38.3031, 42.0467



42.1285, 38.3031, 26.1270



28.6937, 38.3031, 41.3663



31.2266, 38.3031, 62.4979

Sweetspot

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



45.3904, 38.3049, 42.0475



85.6912, 85.2336, 93.5994



44.7467, 37.3874, 68.4766



18.0390, 17.7685, 19.5327



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.



45.3904, 38.3049, 42.0475



63.1348, 50.3120, 54.6625



45.6663, 41.6123, 33.6443



12.5766, 12.4821, 13.7106



17.3765, 8.8869, 4.0206



1.0845, 0.5506, 0.4344

Inverse Universe

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



45.3904, 38.3049, 42.0475



63.1348, 50.3120, 54.6625



45.4487, 53.3462, 71.5200



12.5766, 12.4821, 13.7106



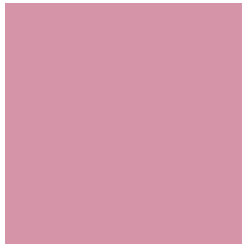
17.3765, 8.8869, 4.0206



1.0845, 0.5506, 0.4344

Previews

White Background



This preview shows how the XYZ color 45.3893, 38.3031, 42.0467 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 45.3893, 38.3031, 42.0467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

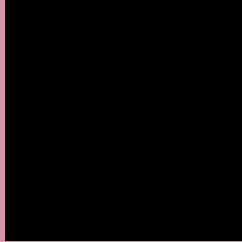
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3893, 38.3031, 42.0467

Background



This preview shows how black text looks on a background with the XYZ color 45.3893, 38.3031, 42.0467.



This preview shows how white text looks on a background with the XYZ color 45.3893, 38.3031,

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

45.3893, 38.3031, 42.0467

Protanopia

37.3980, 38.5938, 47.5977

Deuteranopia

39.1562, 38.3102, 41.4072



Tritanopia

44.6210, 38.2142, 38.7425

Trichromacy



Original Color

45.3893, 38.3031, 42.0467

Protanomaly

39.5666, 37.9195, 45.2782

Deuteranomaly

41.1117, 38.0363, 41.7341

Tritanomaly

44.8889, 38.3214, 40.1528

Monochromacy



Original Color

45.3893, 38.3031, 42.0467

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.3315, 39.1443, 42.9660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3893, 38.3031, 42.0467 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, 148, 168)` looks like.

```
.text, #text, p{  
    color:rgb(214, 148, 168)  
}
```

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, 148, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 148, 168) }
```

Border

The CSS property to change the border of an element to XYZ 45.3893, 38.3031, 42.0467 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, 148, 168) }
```


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

```
.border{ border-color:rgb(214, 148, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 148, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 148, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 148, 168);  
box-shadow:4px 4px 4px 4px rgb(214, 148,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3893, 38.3031, 42.0467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 148, 168) }
```

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

```
.background{ background-color: rgb(214,  
148, 168) }
```

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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