

Converting Colors

XYZ(43.1155, 41.4966, 50.5828)

Have a look what the booklet for
XYZ(43.1155, 41.4966, 50.5828)
contains.

XYZ(43.1697, 41.5102, 50.5367)	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(43.1697, 41.5102,
50.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA6B7
RGB	189, 166, 183
RGB Percent	74%, 65%, 72%
CMY	0.2588, 0.3490, 0.2823
CMYK	0.00, 0.12, 0.03, 0.26
HSL	316°, 15%, 70%
HSV	316°, 12%, 74%
XYZ	43.1697, 41.5102, 50.5367
YIQ	174.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

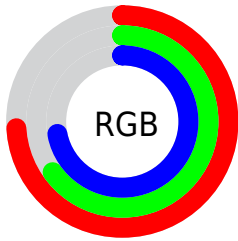
Format	Color
RYB	189, 166, 183
Decimal	12428983
CIELab	70.53, 11.36, -5.66
CIElCh	71, 12.690, 333.524
Yxy	41.5102, 0.3193, 0.3070
Android (android.graphics.Color)	4290619063 (0xFFBDA6B7)
YUV	174.8150, 4.0352, 12.4402
Hunter-Lab	64.4284, 6.8527, -1.4063

Details

The XYZ color **43.1697, 41.5102, 50.5367** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3715, 47.4818, 46.0164**, and the grayscale version is **40.6298, 42.7457, 46.5500**.

A 20% lighter version of the original color is **79.0926, 77.3574, 92.4242**, and **20.1999, 18.8806, 23.6988** is the 20% darker color. If you saturate the color by 10%, you get **39.4794, 34.9361, 46.8189**, and if you desaturate by 10%, it is **47.3853, 49.1049, 54.5194**.

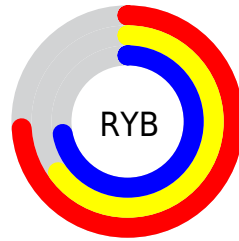
Distribution



Red (74%)

Green (65%)

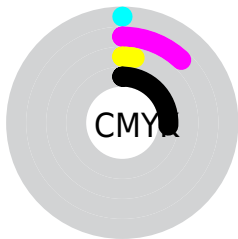
Blue (72%)



Red (74%)

Yellow (65%)

Blue (72%)

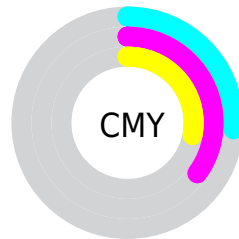


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1697, 41.5102, 50.5367 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 43.1697, 41.5102, 50.5367 by changing the saturation by 10% instead.


 43.1697, 41.5102,
50.5367


 43.1697, 41.5102,
50.5367


350.2189,
352.4485, 405.5561

 30.2134, 28.7180,
35.4659

 79.2210, 77.4578,
92.3740

 20.1495, 18.8676,
23.7355

 103.0467,
101.3819, 119.9776

 12.6126, 11.5746,
14.9272


131.2262,
129.7855, 152.5959

 7.2375, 6.4547,
8.6222

164.1249,
163.0529, 190.6474

 3.6587, 3.1235,
4.4022

202.1082,
201.5685, 234.5506

 1.5109, 1.1966,
1.8485

245.5414,

 0.3333, 0.0589,

245.7167, 284.7241

0.4596

294.7898,
295.8819, 341.5864

■ 0.0000, 0.0000,
0.0000

■ 43.1697, 41.5102,
50.5367

■ 43.1697, 41.5102,
50.5367

■ 39.4794, 34.9361,
46.8189

■ 47.3853, 49.1049,
54.5194

■ 36.2886, 29.3332,
43.3549

■ 52.1434, 57.7561,
58.7719

■ 33.5749, 24.6562,
40.1369

■ 57.4647, 67.5045,
63.3028

■ 31.3125, 20.8539,
37.1553

■ 63.3680, 78.3870,
68.1189

■ 29.4733, 17.8704,
34.3998

■ 68.0894, 86.8761,
72.6333

■ 28.0257, 15.6428,
31.8590

■ 68.7044, 87.1221,
75.8719

■ 26.9337, 14.0996,
29.5199

■ 69.3385, 87.3757,
79.2107

■ 26.1544, 13.1550,
27.3671

■ 69.9917, 87.6370,
82.6505

■ 25.6973, 12.7032,
25.7887

■ 70.6643, 87.9060,
86.1923

Harmonies

Analogous

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



41.7203, 41.5102, 55.5099



43.1697, 41.5102, 50.5367



43.6116, 41.5102, 44.4924

Triad

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



43.1697, 41.5102, 50.5367



39.2072, 41.5102, 34.6360



36.1914, 41.5102, 51.8709

Complementary

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



43.1697, 41.5102, 50.5367



41.3715, 47.4818, 46.0164

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.



35.5698, 41.5102, 45.9101



43.1697, 41.5102, 50.5367



37.2717, 41.5102, 36.2487

Square

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



43.1697, 41.5102, 50.5367



41.2769, 41.5102, 35.6402



35.9582, 41.5102, 40.2484



37.6860, 41.5102, 56.3268

Rectangle

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



43.1697, 41.5102, 50.5367



43.2629, 41.5102, 40.7489



35.9582, 41.5102, 40.2484



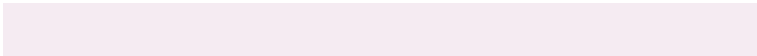
35.8759, 41.5102, 49.9587

Sweetspot

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



43.1709, 41.5120, 50.5376



83.3609, 85.2233, 96.2538



39.7817, 39.6911, 53.7090



17.7997, 18.0979, 20.5811



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.1709, 41.5120, 50.5376



75.1890, 70.5382, 88.4160



42.0463, 41.0622, 44.6155



9.8208, 9.6526, 11.4452



17.3224, 8.5601, 17.5230



0.7039, 0.3455, 0.8202

Inverse Universe

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



43.1709, 41.5120, 50.5376



75.1890, 70.5382, 88.4160



42.4981, 47.9325, 51.9493



9.8208, 9.6526, 11.4452



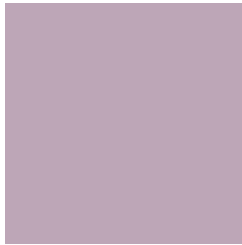
17.3224, 8.5601, 17.5230



0.7039, 0.3455, 0.8202

Previews

White Background



This preview shows how the XYZ color 43.1697, 41.5102, 50.5367 looks on a white background.

Color Contrast Check

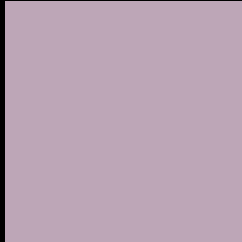
Large Text (above 18pt) WCAG AA × Fail

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 43.1697, 41.5102, 50.5367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

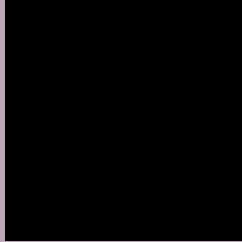
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1697, 41.5102, 50.5367

Background



This preview shows how black text looks on a background with the XYZ color 43.1697, 41.5102, 50.5367.



This preview shows how white text looks on a background with the XYZ color 43.1697, 41.5102,

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

43.1697, 41.5102, 50.5367

Protanopia

40.6287, 41.8209, 52.3852

Deuteranopia

42.5575, 41.7384, 50.6131



Tritanopia

43.0432, 41.7515, 48.9702

Trichromacy



Original Color

43.1697, 41.5102, 50.5367

Protanomaly

41.4918, 41.7172, 51.7643

Deuteranomaly

42.6157, 41.4954, 50.5631

Tritanomaly

43.1455, 41.7924, 49.5088

Monochromacy



Original Color

43.1697, 41.5102, 50.5367

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.6108, 42.4227, 48.1148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1697, 41.5102, 50.5367 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(189, 166, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 166, 183)  
}
```

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(189, 166, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 166, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.1697, 41.5102, 50.5367 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(189, 166, 183) }
```


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

```
.border{ border-color:rgb(189, 166, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 166, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 166, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 166, 183);  
box-shadow:4px 4px 4px 4px rgb(189, 166,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1697, 41.5102, 50.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 166, 183) }
```

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

```
.background{ background-color: rgb(189,  
166, 183) }
```

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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