

Converting Colors

XYZ(43.0763, 45.8496, 43.7195)

Have a look what the booklet for
XYZ(43.0763, 45.8496, 43.7195)
contains.

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Color

**XYZ(43.1202, 45.9422,
43.6408)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B5A8
RGB	183, 181, 168
RGB Percent	72%, 71%, 66%
CMY	0.2823, 0.2902, 0.3412
CMYK	0.00, 0.01, 0.08, 0.28
HSL	52°, 9%, 69%
HSV	52°, 8%, 72%
XYZ	43.1202, 45.9422, 43.6408
YIQ	180.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

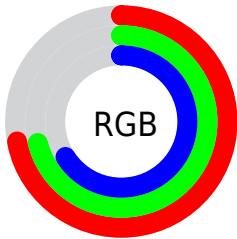
Format	Color
RYB	170, 183, 168
Decimal	12039592
CIELab	73.51, -1.62, 6.86
CIElCh	74, 7.052, 103.249
Yxy	45.9422, 0.3249, 0.3462
Android (android.graphics.Color)	4290229672 (0xFFB7B5A8)
YUV	180.1160, -5.9732, 2.5293
Hunter-Lab	67.7807, -5.0594, 9.2724

Details

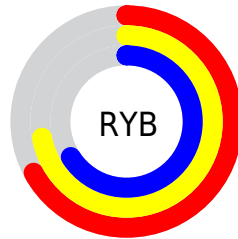
The XYZ color **43.1202, 45.9422, 43.6408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.0703, 40.4925, 50.5568**, and the grayscale version is **43.4748, 45.7389, 49.8097**.

A 20% lighter version of the original color is **79.2001, 84.2468, 81.8990**, and **20.0775, 21.4451, 19.6041** is the 20% darker color. If you saturate the color by 10%, you get **41.0435, 44.3275, 35.1210**, and if you desaturate by 10%, it is **45.4481, 47.6742, 53.4292**.

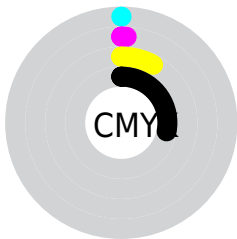
Distribution



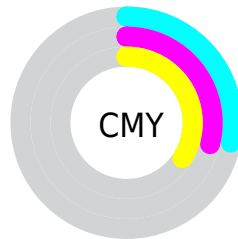
- Red (72%)
- Green (71%)
- Blue (66%)



- Red (67%)
- Yellow (72%)
- Blue (66%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (28%)



- Cyan (28%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1202, 45.9422, 43.6408 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 43.1202, 45.9422, 43.6408 by changing the saturation by 10% instead.

■ 43.1202, 45.9422,
43.6408

■ 43.1202, 45.9422,
43.6408

350.0190,
370.5762, 377.2388

■ 30.1744, 32.2002,
30.0531

■ 79.1468, 84.1325,
81.9737

■ 20.1197, 21.5145,
19.6265

102.9583,
109.3496, 107.5559

■ 12.5909, 13.5006,
11.9425

131.1223,
139.1605, 137.9734

■ 7.2225, 7.7741,
6.5824

164.0044,
173.9496, 173.6447

■ 3.6492, 3.9508,
3.1279

201.9697,
214.1014, 214.9884

■ 1.5056, 1.6461,
1.1603

245.3836,

■ 0.3297, 0.3884,

260.0001, 262.4229

0.0000

294.6116,
312.0303, 316.3669

■ 0.0000, 0.0000,
0.0000

■ 43.1202, 45.9422,
43.6408

■ 43.1202, 45.9422,
43.6408

■ 41.0435, 44.3275,
35.1210

■ 45.4481, 47.6742,
53.4292

■ 39.2041, 42.8200,
27.8143

■ 48.0328, 49.5214,
64.5327

■ 37.5927, 41.4174,
21.6656

■ 50.8845, 51.4894,
76.9990

■ 36.1977, 40.1150,
16.6142

■ 54.0116, 53.5816,
90.8727

■ 35.0064, 38.9077,
12.5940

■ 56.6890, 55.5080,
102.3340

■ 34.0049, 37.7898,
9.5317

■ 57.2325, 56.5951,
102.5152

■ 33.1775, 36.7549,
7.3444

■ 57.7850, 57.7001,
102.6994

■ 32.5056, 35.7957,
5.9350

■ 58.3464, 58.8229,
102.8865

■ 31.9594, 34.9000,
5.1467

■ 58.9168, 59.9637,
103.0766

Harmonies

Analogous

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



44.3604, 45.9422, 43.7399



43.1202, 45.9422, 43.6408



42.0465, 45.9422, 45.1928

Triad

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



43.1202, 45.9422, 43.6408



41.9457, 45.9422, 54.8705



45.9999, 45.9422, 52.0258

Complementary

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



43.1202, 45.9422, 43.6408



39.0703, 40.4925, 50.5568

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.



45.3279, 45.9422, 55.1862



43.1202, 45.9422, 43.6408



42.9802, 45.9422, 56.8813

Square

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



43.1202, 45.9422, 43.6408



41.3772, 45.9422, 51.6114



44.2178, 45.9422, 56.9995



46.0391, 45.9422, 48.4680

Rectangle

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



43.1202, 45.9422, 43.6408



41.5632, 45.9422, 46.9997



44.2178, 45.9422, 56.9995



45.8399, 45.9422, 53.1738

Sweetspot

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



43.1215, 45.9442, 43.6418



79.7436, 84.1698, 88.6908



40.7873, 40.9755, 43.7902



17.6227, 18.5978, 19.6305



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



43.1215, 45.9442, 43.6418



76.4617, 81.6987, 74.9801



42.2475, 46.1006, 43.7180



9.6455, 10.2940, 9.5855



22.2661, 24.3086, 3.5185



0.8135, 0.9140, 0.1335

Inverse Universe

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



39.0703, 40.4925, 50.5568



67.5825, 69.7497, 90.1368



39.8948, 40.3662, 50.4890



8.6149, 8.9071, 11.3446



6.2254, 2.9105, 31.4867



0.2507, 0.1651, 1.1204

Previews

White Background



This preview shows how the XYZ color 43.1202, 45.9422, 43.6408 looks on a white background.

Color Contrast Check

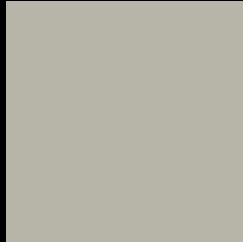
Large Text (above 18pt) WCAG AA × Fail

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 43.1202, 45.9422, 43.6408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

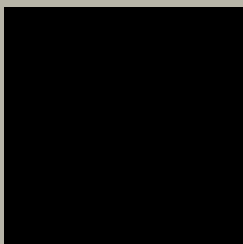
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

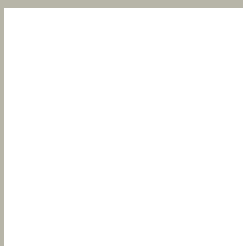
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1202, 45.9422, 43.6408

Background



This preview shows how black text looks on a background with the XYZ color 43.1202, 45.9422, 43.6408.



This preview shows how white text looks on a background with the XYZ color 43.1202, 45.9422,

43.6408.

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

43.1202, 45.9422, 43.6408

Protanopia

43.7898, 45.9973, 43.1296

Deuteranopia

46.6546, 45.6932, 43.8968



Tritanopia

45.6845, 46.0857, 56.3568

Trichromacy



Original Color

43.1202, 45.9422, 43.6408

Protanomaly

43.5460, 45.8716, 43.1182

Deuteranomaly

45.3892, 45.9110, 44.0055

Tritanomaly

44.6749, 45.9734, 51.3189

Monochromacy



Original Color

43.1202, 45.9422, 43.6408

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2138, 45.6009, 47.5985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1202, 45.9422, 43.6408 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(183, 181, 168)` looks like.

```
.text, #text, p{  
    color:rgb(183, 181, 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(183, 181, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 181, 168) }
```

Border

The CSS property to change the border of an element to XYZ 43.1202, 45.9422, 43.6408 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(183, 181, 168) }
```


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

```
.border{ border-color:rgb(183, 181, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 181, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 181, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 181, 168);  
box-shadow:4px 4px 4px 4px rgb(183, 181,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1202, 45.9422, 43.6408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 181, 168) }
```

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

```
.background{ background-color: rgb(183,  
181, 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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