

Converting Colors

XYZ(43.2776, 42.5914, 47.3629)

Have a look what the booklet for
XYZ(43.2776, 42.5914, 47.3629)
contains.

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Color

**XYZ(43.1100, 42.3691,
47.5009)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA9B1
RGB	189, 169, 177
RGB Percent	74%, 66%, 69%
CMY	0.2588, 0.3372, 0.3059
CMYK	0.00, 0.11, 0.06, 0.26
HSL	336°, 13%, 70%
HSV	336°, 11%, 74%
XYZ	43.1100, 42.3691, 47.5009
YIQ	175.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

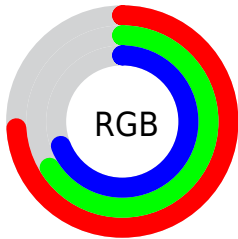
Format	Color
RYB	189, 169, 177
Decimal	12429745
CIELab	71.12, 8.63, -1.47
CIELCh	71, 8.751, 350.326
Yxy	42.3691, 0.3242, 0.3186
Android (android.graphics.Color)	4290619825 (0xFFBDA9B1)
YUV	175.8920, 0.5462, 11.4957
Hunter-Lab	65.0916, 4.3100, 2.2969

Details

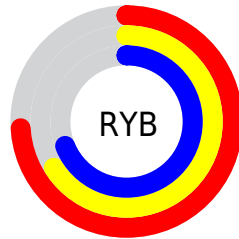
The XYZ color **43.1100, 42.3691, 47.5009** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9019, 48.1674, 50.7544**, and the grayscale version is **41.2054, 43.3513, 47.2096**.

A 20% lighter version of the original color is **79.0198, 78.6070, 88.0987**, and **20.1527, 19.4121, 21.7535** is the 20% darker color. If you saturate the color by 10%, you get **38.7612, 35.4057, 40.7038**, and if you desaturate by 10%, it is **48.0634, 50.3903, 54.9641**.

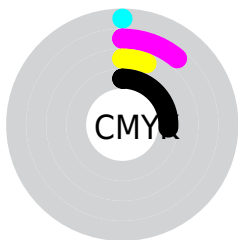
Distribution



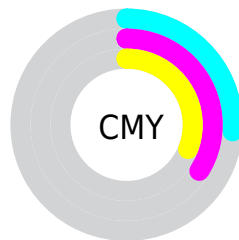
- Red (74%)
- Green (66%)
- Blue (69%)



- Red (74%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (26%)





- Cyan (26%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1100, 42.3691, 47.5009 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 43.1100, 42.3691, 47.5009 by changing the saturation by 10% instead.


 43.1100, 42.3691,
47.5009


 43.1100, 42.3691,
47.5009


349.9778,
356.0107, 393.2619

 30.1663, 29.3904,
33.0746


 79.1315, 78.7579,
87.8186

 20.1136, 19.3764,
21.9120


 102.9400,
102.9369, 114.5472

 12.5864, 11.9425,
13.5946

131.1009,
131.6180, 146.2135

 7.2194, 6.7046,
7.7037

163.9795,
165.1858, 183.2363

 3.6472, 3.2780,
3.8209

201.9411,
204.0245, 226.0340

 1.5046, 1.2786,
1.5276

245.3511,

 0.3289, 0.1245,

248.5187, 275.0251

0.2384

294.5749,
299.0526, 330.6282

■ 0.0000, 0.0000,
0.0000

■ 43.1100, 42.3691,
47.5009

■ 43.1100, 42.3691,
47.5009

■ 38.7612, 35.4057,
40.7038

■ 48.0634, 50.3903,
54.9641

■ 34.9895, 29.4502,
34.5510

■ 53.6405, 59.5054,
63.1092

■ 31.7703, 24.4570,
29.0232

■ 59.8638, 69.7557,
71.9546

■ 29.0762, 20.3747,
24.0989

■ 66.7537, 81.1787,
81.5172

■ 26.8769, 17.1472,
19.7556

■ 71.5561, 88.2628,
90.8889

■ 25.1391, 14.7121,
15.9687

■ 73.2358, 88.9347,
99.7341

■ 23.8250, 12.9982,
12.7118

■ 74.7964, 89.5589,
107.9521

■ 22.8901, 11.9214,
9.9551

■ 22.2765, 11.3349,
7.7754

Harmonies

Analogous

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



42.4765, 42.3691, 51.4739



43.1100, 42.3691, 47.5009



42.9686, 42.3691, 43.3884

Triad

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



43.1100, 42.3691, 47.5009



39.3005, 42.3691, 38.9777



38.4999, 42.3691, 52.6209

Complementary

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



43.1100, 42.3691, 47.5009



42.9019, 48.1674, 50.7544

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.



37.6879, 42.3691, 48.9905



43.1100, 42.3691, 47.5009



38.1423, 42.3691, 41.1745

Square

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



43.1100, 42.3691, 47.5009



40.7455, 42.3691, 38.6325



37.5586, 42.3691, 44.7911



39.7993, 42.3691, 54.5459

Rectangle

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



43.1100, 42.3691, 47.5009



42.4552, 42.3691, 41.1094



37.5586, 42.3691, 44.7911



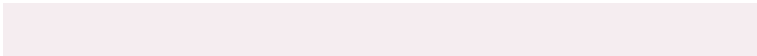
38.1622, 42.3691, 51.5495

Sweetspot

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



43.1112, 42.3710, 47.5018



83.7895, 86.5239, 95.0290



42.4308, 41.8759, 53.9910



17.8606, 18.3502, 20.1992



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.



43.1112, 42.3710, 47.5018



75.0613, 72.4276, 81.7615



42.7120, 42.8111, 43.5506



9.6840, 9.5979, 10.7248



15.0237, 7.6407, 5.4186



0.6209, 0.3123, 0.3830

Inverse Universe

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



43.1112, 42.3710, 47.5018



75.0613, 72.4276, 81.7615



43.3191, 47.6508, 55.0589



9.6840, 9.5979, 10.7248



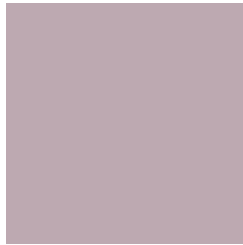
15.0237, 7.6407, 5.4186



0.6209, 0.3123, 0.3830

Previews

White Background



This preview shows how the XYZ color 43.1100, 42.3691, 47.5009 looks on a white background.

Color Contrast Check

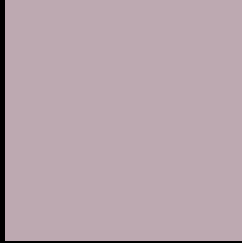
Large Text (above 18pt) WCAG AA × Fail

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 43.1100, 42.3691, 47.5009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

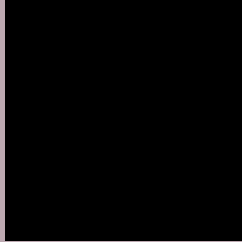
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1100, 42.3691, 47.5009

Background



This preview shows how black text looks on a background with the XYZ color 43.1100, 42.3691, 47.5009.



This preview shows how white text looks on a background with the XYZ color 43.1100, 42.3691,

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

43.1100, 42.3691, 47.5009

Protanopia

40.9847, 42.3719, 48.6663

Deuteranopia

43.3590, 42.4974, 47.5125



Tritanopia

43.5783, 42.2886, 49.5818

Trichromacy



Original Color

43.1100, 42.3691, 47.5009

Protanomaly

41.8445, 42.5432, 48.1257

Deuteranomaly

43.3590, 42.4974, 47.5125

Tritanomaly

43.4761, 42.2477, 49.0432

Monochromacy



Original Color

43.1100, 42.3691, 47.5009

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8361, 42.8455, 47.1393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1100, 42.3691, 47.5009 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, 169, 177)` looks like.

```
.text, #text, p{  
    color:rgb(189, 169, 177)  
}
```

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, 169, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 169, 177) }
```

Border

The CSS property to change the border of an element to XYZ 43.1100, 42.3691, 47.5009 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, 169, 177) }
```


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

```
.border{ border-color:rgb(189, 169, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 169, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 169, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 169, 177);  
box-shadow:4px 4px 4px 4px rgb(189, 169,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1100, 42.3691, 47.5009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 169, 177) }
```

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

```
.background{ background-color: rgb(189,  
169, 177) }
```

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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