

Converting Colors

XYZ(43.6308, 44.1901, 51.7312)

Have a look what the booklet for
XYZ(43.6308, 44.1901, 51.7312)
contains.

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Color

**XYZ(43.7489, 44.3110,
51.5945)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AFB8
RGB	184, 175, 184
RGB Percent	72%, 69%, 72%
CMY	0.2784, 0.3137, 0.2784
CMYK	0.00, 0.05, 0.00, 0.28
HSL	300°, 6%, 70%
HSV	300°, 5%, 72%
XYZ	43.7489, 44.3110, 51.5945
YIQ	178.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

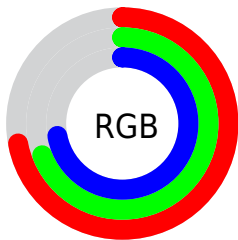
Format	Color
RYB	184, 175, 184
Decimal	12103608
CIELab	72.44, 4.86, -3.45
CIElCh	72, 5.961, 324.666
Yxy	44.3110, 0.3133, 0.3173
Android (android.graphics.Color)	4290293688 (0xFFB8AFB8)
YUV	178.7170, 2.6045, 4.6332
Hunter-Lab	66.5665, 0.8225, 0.6419

Details

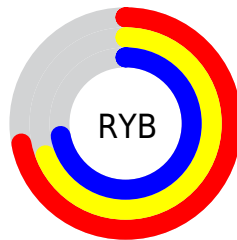
The XYZ color **43.7489, 44.3110, 51.5945** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5593, 46.4913, 47.2903**, and the grayscale version is **42.6839, 44.9068, 48.9035**.

A 20% lighter version of the original color is **80.2393, 81.9684, 94.0305**, and **20.5398, 20.6299, 24.3721** is the 20% darker color. If you saturate the color by 10%, you get **40.4095, 37.6315, 50.4818**, and if you desaturate by 10%, it is **47.5789, 51.9703, 52.8718**.

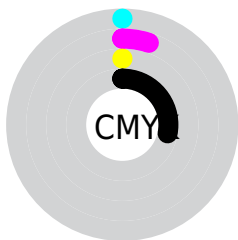
Distribution



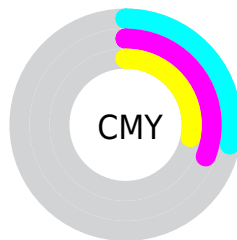
- Red (72%)
- Green (69%)
- Blue (72%)



- Red (72%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7489, 44.3110, 51.5945 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 43.7489, 44.3110, 51.5945 by changing the saturation by 10% instead.

■ 43.7489, 44.3110,
51.5945

■ 43.7489, 44.3110,
51.5945

352.5522,
363.9759, 409.7815

■ 30.6702, 30.9151,
36.3019

■ 80.0885, 81.6855,
93.9534

■ 20.4984, 20.5342,
24.3759

104.0800,
106.4329, 121.8569

■ 12.8682, 12.7839,
15.3980

132.4400,
135.7329, 154.8010

■ 7.4143, 7.2799,
8.9494

165.5336,
169.9699, 193.2044

■ 3.7711, 3.6378,
4.6119

203.7263,
209.5283, 237.4857

■ 1.5735, 1.4731,
1.9667

247.3833,

■ 0.3750, 0.2697,

254.7925, 288.0632

0.5347

296.8702,
306.1469, 345.3556

■ 0.0000, 0.0000,
0.0000

■ 43.7489, 44.3110,
51.5945

■ 43.7489, 44.3110,
51.5945

■ 40.4095, 37.6315,
50.4818

■ 47.5789, 51.9703,
52.8718

■ 37.5371, 31.8868,
49.5243

■ 51.9141, 60.6406,
54.3169

■ 35.1122, 27.0371,
48.7159

■ 56.7732, 70.3590,
55.9367

■ 33.1123, 23.0372,
48.0492

■ 62.1731, 81.1587,
57.7367

■ 31.5128, 19.8383,
47.5160

■ 64.1794, 85.1713,
58.4056

■ 30.2869, 17.3865,
47.1072

■ 64.1794, 85.1713,
58.4057

■ 29.4042, 15.6211,
46.8129

■ 64.1795, 85.1713,
58.4058

■ 28.8298, 14.4724,
46.6214

■ 64.1795, 85.1713,
58.4058

■ 28.5213, 13.8553,
46.5185

■ 64.1795, 85.1713,
58.4059

Harmonies

Analogous

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



42.9463, 44.3110, 53.5746



43.7489, 44.3110, 51.5945



44.1145, 44.3110, 48.7751

Triad

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



43.7489, 44.3110, 51.5945



42.3002, 44.3110, 42.8292



40.3460, 44.3110, 50.6476

Complementary

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



43.7489, 44.3110, 51.5945



42.5593, 46.4913, 47.2903

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.



40.1794, 44.3110, 47.7230



43.7489, 44.3110, 51.5945



41.2970, 44.3110, 43.2851

Square

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



43.7489, 44.3110, 51.5945



43.2694, 44.3110, 43.7763



40.5248, 44.3110, 45.0478



40.9838, 44.3110, 53.0125

Rectangle

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



43.7489, 44.3110, 51.5945



44.0569, 44.3110, 46.8285



40.5248, 44.3110, 45.0478



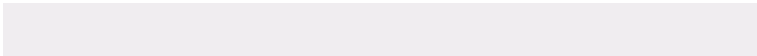
40.2335, 44.3110, 49.6942

Sweetspot

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



43.7502, 44.3129, 51.5955



81.8890, 85.4902, 94.3898



41.6629, 43.2369, 51.4978



17.6614, 18.4456, 20.3511



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.



43.7502, 44.3129, 51.5955



78.5283, 78.7688, 93.2695



43.2860, 44.1272, 49.1510



9.5947, 9.5903, 11.4248



19.5860, 9.4081, 32.0362



0.6905, 0.3317, 1.1294

Inverse Universe

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



43.7502, 44.3129, 51.5955



78.5283, 78.7688, 93.2695



43.0086, 46.6711, 49.6566



9.5947, 9.5903, 11.4248



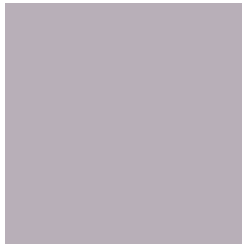
19.5860, 9.4081, 32.0362



0.6905, 0.3317, 1.1294

Previews

White Background



This preview shows how the XYZ color 43.7489, 44.3110, 51.5945 looks on a white background.

Color Contrast Check

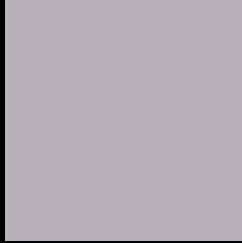
Large Text (above 18pt) WCAG AA × Fail

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 43.7489, 44.3110, 51.5945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

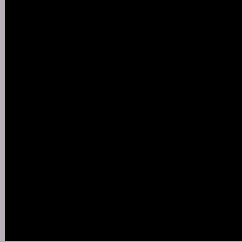
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7489, 44.3110, 51.5945

Background



This preview shows how black text looks on a background with the XYZ color 43.7489, 44.3110, 51.5945.



This preview shows how white text looks on a background with the XYZ color 43.7489, 44.3110,

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

43.7489, 44.3110, 51.5945

Protanopia

43.0695, 44.5308, 52.2242

Deuteranopia

45.2477, 44.2143, 52.0483



Tritanopia

44.2207, 44.2172, 53.7810

Trichromacy



Original Color

43.7489, 44.3110, 51.5945

Protanomaly

43.3383, 44.3772, 52.1804

Deuteranomaly

44.6868, 44.2087, 52.0768

Tritanomaly

44.1133, 44.1742, 53.2152

Monochromacy



Original Color

43.7489, 44.3110, 51.5945

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.3169, 45.0007, 50.1190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7489, 44.3110, 51.5945 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(184, 175, 184) looks like.

```
.text, #text, p{  
    color:rgb(184, 175, 184)  
}
```

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(184, 175, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 175, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.7489, 44.3110, 51.5945 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(184, 175, 184) }
```


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

```
.border{ border-color:rgb(184, 175, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 175, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 175, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 175, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 175,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7489, 44.3110, 51.5945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 175, 184) }
```

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

```
.background{ background-color: rgb(184,  
175, 184) }
```

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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