

Converting Colors

XYZ(43.6351, 43.1633, 52.3452)

Have a look what the booklet for
XYZ(43.6351, 43.1633, 52.3452)
contains.

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Color

**XYZ(43.6755, 43.1101,
52.4735)**

Conversions

Conversions Part 1

Format	Color
Hex	BAABBA
RGB	186, 171, 186
RGB Percent	73%, 67%, 73%
CMY	0.2706, 0.3294, 0.2706
CMYK	0.00, 0.08, 0.00, 0.27
HSL	300°, 10%, 70%
HSV	300°, 8%, 73%
XYZ	43.6755, 43.1101, 52.4735
YIQ	177.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

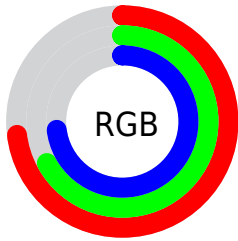
Format	Color
R _Y B	186, 171, 186
Decimal	12233658
CIE Lab	71.63, 8.12, -5.72
CIE LCh	72, 9.933, 324.854
Yxy	43.1101, 0.3136, 0.3096
Android (android.graphics.Color)	4290423738 (0xFFBAABBA)
YUV	177.1950, 4.3409, 7.7220
Hunter-Lab	65.6583, 3.8351, -1.4232

Details

The XYZ color **43.6755, 43.1101, 52.4735** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7058, 46.7172, 45.3495**, and the grayscale version is **41.8698, 44.0503, 47.9708**.

A 20% lighter version of the original color is **79.8413, 79.6808, 95.1762**, and **20.5033, 19.8737, 24.9457** is the 20% darker color. If you saturate the color by 10%, you get **40.4069, 36.5724, 51.3845**, and if you desaturate by 10%, it is **47.4410, 50.6403, 53.7292**.

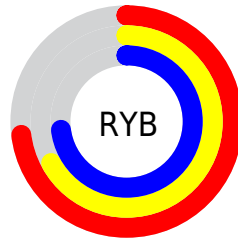
Distribution



Red (73%)

Green (67%)

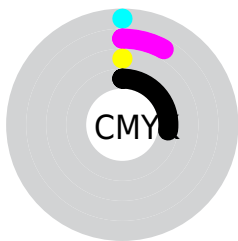
Blue (73%)



Red (73%)

Yellow (67%)

Blue (73%)

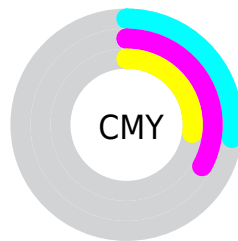


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6755, 43.1101, 52.4735 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 43.6755, 43.1101, 52.4735 by changing the saturation by 10% instead.

■ 43.6755, 43.1101,
52.4735

■ 43.6755, 43.1101,
52.4735

352.2570,
359.0644, 413.2707

■ 30.6123, 29.9715,
36.9978

■ 79.9786, 79.8770,
95.2629

■ 20.4542, 19.8170,
24.9100

103.9492,
104.2741, 123.4136

■ 12.8358, 12.2621,
15.7916

132.2863,
133.1928, 156.6264

■ 7.3918, 6.9224,
9.2241

165.3553,
167.0175, 195.3199

■ 3.7568, 3.4136,
4.7888

203.5215,
206.1326, 239.9125

■ 1.5655, 1.3513,
2.0673

247.1503,

■ 0.3698, 0.1804,

250.9225, 290.8228

0.5962

296.6070,
301.7716, 348.4694

■ 0.0000, 0.0000,
0.0000

■ 43.6755, 43.1101,
52.4735

■ 43.6755, 43.1101,
52.4735

■ 40.4069, 36.5724,
51.3845

■ 47.4410, 50.6403,
53.7292

■ 37.6110, 30.9805,
50.4525

■ 51.7189, 59.1961,
55.1551

■ 35.2669, 26.2925,
49.6712

■ 56.5288, 68.8160,
56.7584

■ 33.3511, 22.4608,
49.0326

■ 61.8882, 79.5346,
58.5449

■ 31.8375, 19.4337,
48.5281

■ 64.8732, 85.5045,
59.5399

■ 30.6976, 17.1540,
48.1481

■ 64.8732, 85.5045,
59.5399

■ 29.8989, 15.5567,
47.8819

■ 64.8732, 85.5046,
59.5399

■ 29.4036, 14.5660,
47.7168

■ 64.8733, 85.5046,
59.5399

■ 29.1518, 14.0625,
47.6329

■ 64.8733, 85.5046,
59.5399

Harmonies

Analogous

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



42.3487, 43.1101, 55.8516



43.6755, 43.1101, 52.4735



44.2797, 43.1101, 47.7749

Triad

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



43.6755, 43.1101, 52.4735



41.2655, 43.1101, 38.3091



38.1110, 43.1101, 50.9395

Complementary

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



43.6755, 43.1101, 52.4735



41.7058, 46.7172, 45.3495

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.



37.8387, 43.1101, 46.1141



43.6755, 43.1101, 52.4735



39.6311, 43.1101, 39.0299

Square

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



43.6755, 43.1101, 52.4735



42.8641, 43.1101, 39.7688



38.3879, 43.1101, 41.8091



39.1419, 43.1101, 54.9243

Rectangle

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



43.6755, 43.1101, 52.4735



44.1797, 43.1101, 44.6059



38.3879, 43.1101, 41.8091



37.9289, 43.1101, 49.3533

Sweetspot

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



43.6768, 43.1120, 52.4744



83.1700, 86.1505, 96.4466



40.2696, 41.4257, 52.3285



18.3312, 19.0033, 21.2444



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.



43.6768, 43.1120, 52.4744



77.8462, 75.5031, 94.6720



42.9254, 42.8114, 48.5179



9.3810, 9.1628, 11.3536



19.5859, 9.4081, 32.0367



0.6905, 0.3317, 1.1294

Inverse Universe

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



42.1649, 42.5072, 44.5127



74.4399, 74.1406, 76.7341



42.4160, 47.0012, 49.0893



9.0046, 9.0122, 9.3719



13.6234, 7.0231, 0.6376



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 43.6755, 43.1101, 52.4735 looks on a white background.

Color Contrast Check

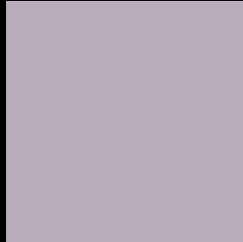
Large Text (above 18pt) WCAG AA × Fail

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 43.6755, 43.1101, 52.4735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

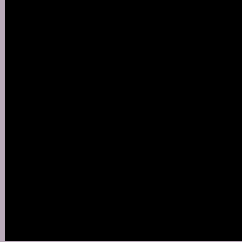
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6755, 43.1101, 52.4735

Background



This preview shows how black text looks on a background with the XYZ color 43.6755, 43.1101, 52.4735.



This preview shows how white text looks on a background with the XYZ color 43.6755, 43.1101,

52.4735.

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

43.6755, 43.1101, 52.4735

Protanopia

41.8923, 43.0169, 53.6721

Deuteranopia

43.9767, 42.9860, 52.4337



Tritanopia

43.5696, 43.0677, 51.9155

Trichromacy



Original Color

43.6755, 43.1101, 52.4735

Protanomaly

42.5036, 43.0587, 53.0847

Deuteranomaly

43.7312, 42.8594, 52.4222

Tritanomaly

43.5696, 43.0677, 51.9155

Monochromacy



Original Color

43.6755, 43.1101, 52.4735

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.3906, 43.6585, 49.3727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6755, 43.1101, 52.4735 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(186, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 171, 186)  
}
```

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(186, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 171, 186) }
```

Border

The CSS property to change the border of an element to XYZ 43.6755, 43.1101, 52.4735 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(186, 171, 186) }
```


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

```
.border{ border-color:rgb(186, 171, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(186, 171,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6755, 43.1101, 52.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 171, 186) }
```

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

```
.background{ background-color: rgb(186,  
171, 186) }
```

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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