

Converting Colors

XYZ(43.6144, 42.2743, 51.0711)

Have a look what the booklet for
XYZ(43.6144, 42.2743, 51.0711)
contains.

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Color

**XYZ(43.6406, 42.2848,
51.2091)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA8B8
RGB	189, 168, 184
RGB Percent	74%, 66%, 72%
CMY	0.2588, 0.3412, 0.2784
CMYK	0.00, 0.11, 0.03, 0.26
HSL	314°, 14%, 70%
HSV	314°, 11%, 74%
XYZ	43.6406, 42.2848, 51.2091
YIQ	176.1030, 7.3800, 9.4280

Conversions

Conversions Part 2

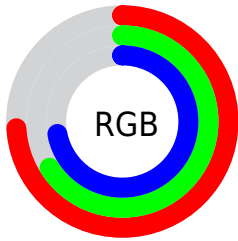
Format	Color
R_{YB}	189, 168, 184
Decimal	12429496
CIE _{Lab}	71.07, 10.45, -5.42
CIE _{LCh}	71, 11.767, 332.581
Yxy	42.2848, 0.3182, 0.3083
Android (android.graphics.Color)	4290619576 (0xFFBDA8B8)
YUV	176.1030, 3.8932, 11.3107
Hunter-Lab	65.0268, 5.9976, -1.1726

Details

The XYZ color **43.6406, 42.2848, 51.2091** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8905, 47.7382, 46.5439**, and the grayscale version is **41.2992, 43.4500, 47.3170**.

A 20% lighter version of the original color is **79.7720, 78.4791, 93.3816**, and **20.4955, 19.3637, 24.1301** is the 20% darker color. If you saturate the color by 10%, you get **39.9379, 35.6219, 47.6845**, and if you desaturate by 10%, it is **47.8679, 49.9717, 54.9836**.

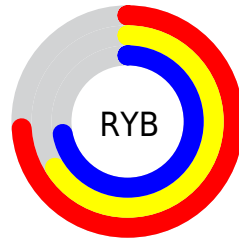
Distribution



Red (74%)

Green (66%)

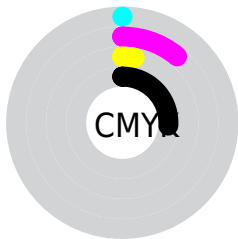
Blue (72%)



Red (74%)

Yellow (66%)

Blue (72%)

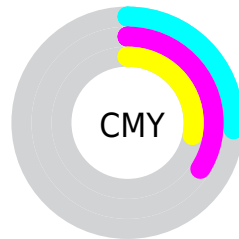


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6406, 42.2848, 51.2091 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 43.6406, 42.2848, 51.2091 by changing the saturation by 10% instead.


 43.6406, 42.2848,
51.2091

 43.6406, 42.2848,
51.2091


352.1167,
355.6622, 408.2454

 30.5848, 29.3244,
35.9972


 79.9264, 78.6305,
93.3784

 20.4331, 19.3263,
24.1423

 103.8870,
102.7845, 121.1729

 12.8204, 11.9063,
15.2261


132.2133,
131.4385, 153.9987

 7.3811, 6.6799,
8.8298

165.2705,
164.9769, 192.2743

 3.7500, 3.2627,
4.5350

203.4242,
203.7841, 236.4182

 1.5617, 1.2704,
1.9232

247.0395,

 0.3672, 0.1181,

248.2444, 286.8490

0.5074

296.4819,
298.7423, 343.9852

■ 0.0000, 0.0000,
0.0000

■ 43.6406, 42.2848,
51.2091

■ 43.6406, 42.2848,
51.2091

■ 39.9379, 35.6219,
47.6845

■ 47.8679, 49.9717,
54.9836

■ 36.7342, 29.9338,
44.3991

■ 52.6367, 58.7180,
59.0129

■ 34.0072, 25.1756,
41.3454

■ 57.9678, 68.5642,
63.3049

■ 31.7316, 21.2966,
38.5141

■ 63.8795, 79.5473,
67.8666

■ 29.8794, 18.2414,
35.8952

■ 67.9484, 86.8197,
71.8907

■ 28.4196, 15.9481,
33.4777

■ 68.5049, 87.0423,
74.8213

■ 27.3168, 14.3462,
31.2490

■ 69.0773, 87.2712,
77.8351

■ 26.5289, 13.3518,
29.1945

■ 69.6655, 87.5065,
80.9328

■ 26.0202, 12.8324,
27.4891

■ 70.2698, 87.7483,
84.1151

Harmonies

Analogous

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



42.2608, 42.2848, 55.7804



43.6406, 42.2848, 51.2091



44.0867, 42.2848, 45.5552

Triad

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



43.6406, 42.2848, 51.2091



40.0204, 42.2848, 36.0495



37.0882, 42.2848, 52.1209

Complementary

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



43.6406, 42.2848, 51.2091



41.8905, 47.7382, 46.5439

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.



36.5307, 42.2848, 46.5302



43.6406, 42.2848, 51.2091



38.1888, 42.2848, 37.5068

Square

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



43.6406, 42.2848, 51.2091



41.9567, 42.2848, 37.0832



36.9271, 42.2848, 41.2328



38.4745, 42.2848, 56.3363

Rectangle

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



43.6406, 42.2848, 51.2091



43.7833, 42.2848, 42.0073



36.9271, 42.2848, 41.2328



36.7997, 42.2848, 50.3249

Sweetspot

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



43.6418, 42.2866, 51.2100



84.1882, 86.6835, 97.1290



40.4012, 40.5544, 53.8430



17.9685, 18.3934, 20.7678



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.



43.6418, 42.2866, 51.2100



76.6932, 73.0804, 90.3546



42.5914, 41.8665, 45.6783



9.8302, 9.6564, 11.4947



17.5379, 8.6463, 18.6582



0.7109, 0.3483, 0.8569

Inverse Universe

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



43.6418, 42.2866, 51.2100



76.6932, 73.0804, 90.3546



42.9364, 48.1566, 52.0515



9.8302, 9.6564, 11.4947



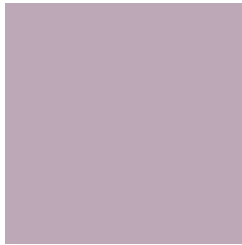
17.5379, 8.6463, 18.6582



0.7109, 0.3483, 0.8569

Previews

White Background



This preview shows how the XYZ color 43.6406, 42.2848, 51.2091 looks on a white background.

Color Contrast Check

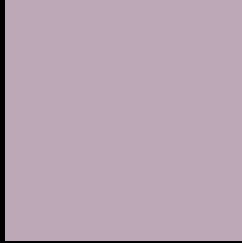
Large Text (above 18pt) WCAG AA × Fail

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 43.6406, 42.2848, 51.2091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

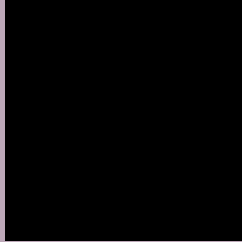
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6406, 42.2848, 51.2091

Background



This preview shows how black text looks on a background with the XYZ color 43.6406, 42.2848, 51.2091.



This preview shows how white text looks on a background with the XYZ color 43.6406, 42.2848,

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

43.6406, 42.2848, 51.2091

Protanopia

41.1468, 42.3592, 53.0212

Deuteranopia

43.0894, 42.2757, 51.2364



Tritanopia

43.4324, 42.2015, 50.1125

Trichromacy



Original Color

43.6406, 42.2848, 51.2091

Protanomaly

42.0162, 42.2547, 52.3959

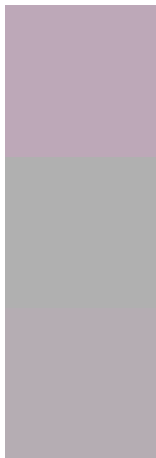
Deuteranomaly

43.3332, 42.4014, 51.2478

Tritanomaly

43.5361, 42.2430, 50.6589

Monochromacy



Original Color

43.6406, 42.2848, 51.2091

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.1363, 42.9656, 48.7202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6406, 42.2848, 51.2091 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, 168, 184)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 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(189, 168, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.6406, 42.2848, 51.2091 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, 168, 184) }
```


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

```
.border{ border-color:rgb(189, 168, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 184);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6406, 42.2848, 51.2091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 184) }
```

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

```
.background{ background-color: rgb(189,  
168, 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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