

Converting Colors

XYZ(43.3104, 42.9313, 50.5107)

Have a look what the booklet for
XYZ(43.3104, 42.9313, 50.5107)
contains.

XYZ(43.2561, 42.9423, 50.2648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.2561, 42.9423,
50.2648)**

Conversions

Conversions Part 1

Format	Color
Hex	BAABB6
RGB	186, 171, 182
RGB Percent	73%, 67%, 71%
CMY	0.2706, 0.3294, 0.2863
CMYK	0.00, 0.08, 0.02, 0.27
HSL	316°, 10%, 70%
HSV	316°, 8%, 73%
XYZ	43.2561, 42.9423, 50.2648
YIQ	176.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

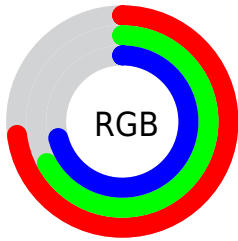
Format	Color
R_{YB}	186, 171, 182
Decimal	12233654
CIE Lab	71.52, 7.37, -3.68
CIE LCh	72, 8.243, 333.461
Yxy	42.9423, 0.3170, 0.3147
Android (android.graphics.Color)	4290423734 (0xFFBAABB6)
YUV	176.7390, 2.5937, 8.1219
Hunter-Lab	65.5304, 3.1483, 0.3931

Details

The XYZ color **43.2561, 42.9423, 50.2648** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0930, 46.8720, 47.3884**, and the grayscale version is **41.6389, 43.8074, 47.7062**.

A 20% lighter version of the original color is **79.2469, 79.4430, 92.0462**, and **20.2321, 19.7652, 23.5176** is the 20% darker color. If you saturate the color by 10%, you get **39.4837, 36.2031, 46.5228**, and if you desaturate by 10%, it is **47.5435, 50.6813, 54.2692**.

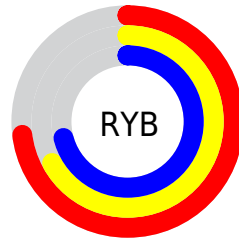
Distribution



Red (73%)

Green (67%)

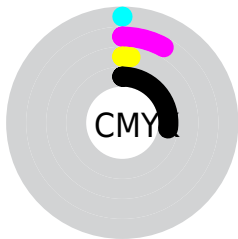
Blue (71%)



Red (73%)

Yellow (67%)

Blue (71%)

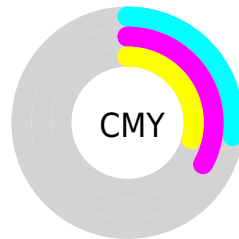


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2561, 42.9423, 50.2648 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 43.2561, 42.9423, 50.2648 by changing the saturation by 10% instead.

■ 43.2561, 42.9423,
50.2648

■ 43.2561, 42.9423,
50.2648

350.5676,
358.3744, 404.4653

■ 30.2815, 29.8398,
35.2512

■ 79.3505, 79.6238,
91.9674

■ 20.2015, 19.7171,
23.5713

103.2010,
103.9716, 119.4935

■ 12.6507, 12.1895,
14.8067

131.4075,
132.8367, 152.0276

■ 7.2638, 6.8729,
8.5387

164.3354,
166.6034, 189.9880

■ 3.6754, 3.3827,
4.3489

202.3500,
205.6561, 233.7935

■ 1.5202, 1.3347,
1.8186

245.8166,

■ 0.3395, 0.1678,

250.3792, 283.8625

0.4402

295.1007,
301.1572, 340.6136

■ 0.0000, 0.0000,
0.0000

■ 43.2561, 42.9423,
50.2648

■ 43.2561, 42.9423,
50.2648

■ 39.4837, 36.2031,
46.5228

■ 47.5435, 50.6813,
54.2692

■ 36.2020, 30.4169,
43.0324

■ 52.3617, 59.4532,
58.5406

■ 33.3900, 25.5417,
39.7865

■ 57.7305, 69.2966,
63.0869

■ 31.0237, 21.5298,
36.7760

■ 63.6674, 80.2463,
67.9148

■ 29.0771, 18.3296,
33.9913

■ 67.2489, 86.4548,
72.0508

■ 27.5215, 15.8835,
31.4217

■ 67.8644, 86.7010,
75.2922

■ 26.3241, 14.1267,
29.0556

■ 68.4992, 86.9549,
78.6348

■ 25.4467, 12.9833,
26.8790

■ 69.1533, 87.2166,
82.0795

■ 24.8297, 12.3337,
24.8710

■ 69.8270, 87.4861,
85.6273

Harmonies

Analogous

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



42.3084, 42.9423, 53.4452



43.2561, 42.9423, 50.2648



43.5447, 42.9423, 46.2958

Triad

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



43.2561, 42.9423, 50.2648



40.6541, 42.9423, 39.5177



38.6237, 42.9423, 51.1103

Complementary

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



43.2561, 42.9423, 50.2648



42.0930, 46.8720, 47.3884

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.



38.2025, 42.9423, 47.2210



43.2561, 42.9423, 50.2648



39.3578, 42.9423, 40.6512

Square

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



43.2561, 42.9423, 50.2648



42.0225, 42.9423, 40.2312



38.4682, 42.9423, 43.4161



39.6315, 42.9423, 53.9525

Rectangle

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



43.2561, 42.9423, 50.2648



43.3193, 42.9423, 43.7721



38.4682, 42.9423, 43.4161



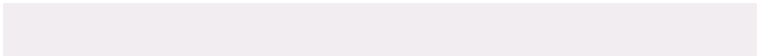
38.4099, 42.9423, 49.8744

Sweetspot

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



43.2573, 42.9442, 50.2657



82.9763, 86.0730, 95.4264



41.1068, 41.7871, 52.3542



18.2907, 18.9871, 21.0311



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.



43.2573, 42.9442, 50.2657



76.8913, 75.1211, 89.6431



42.5029, 42.6424, 46.2930



9.2759, 9.1207, 10.8003



16.6641, 8.2394, 16.6498



0.6116, 0.3001, 0.7144

Inverse Universe

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



43.2573, 42.9442, 50.2657



76.8913, 75.1211, 89.6431



42.8502, 47.1749, 51.3756



9.2759, 9.1207, 10.8003



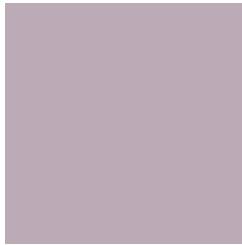
16.6641, 8.2394, 16.6498



0.6116, 0.3001, 0.7144

Previews

White Background



This preview shows how the XYZ color 43.2561, 42.9423, 50.2648 looks on a white background.

Color Contrast Check

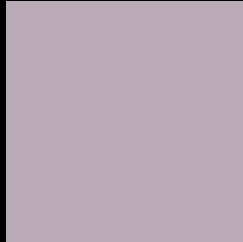
Large Text (above 18pt) WCAG AA × Fail

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 43.2561, 42.9423, 50.2648 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 43.2561, 42.9423, 50.2648

Background



This preview shows how black text looks on a background with the XYZ color 43.2561, 42.9423, 50.2648.



This preview shows how white text looks on a background with the XYZ color 43.2561, 42.9423,

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

43.2561, 42.9423, 50.2648

Protanopia

41.6923, 42.9629, 51.4427

Deuteranopia

43.8045, 42.9457, 50.2366



Tritanopia

43.4643, 43.0256, 51.3614

Trichromacy



Original Color

43.2561, 42.9423, 50.2648

Protanomaly

42.3132, 43.0093, 50.8712

Deuteranomaly

43.5573, 42.8182, 50.2250

Tritanomaly

43.3599, 42.9838, 50.8111

Monochromacy



Original Color

43.2561, 42.9423, 50.2648

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2890, 43.6179, 48.8381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2561, 42.9423, 50.2648 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(186, 171, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 171, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.2561, 42.9423, 50.2648 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, 182) }
```


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

```
.border{ border-color:rgb(186, 171, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 171, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 171, 182);  
box-shadow:4px 4px 4px 4px rgb(186, 171,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2561, 42.9423, 50.2648 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, 182) }
```

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

```
.background{ background-color: rgb(186,  
171, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor