

Converting Colors

XYZ(43.9210, 42.1500, 54.3995)

Have a look what the booklet for
XYZ(43.9210, 42.1500, 54.3995)
contains.

XYZ(43.8520, 42.0465, 54.5197)	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(43.8520, 42.0465,
54.5197)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA7BE
RGB	188, 167, 190
RGB Percent	74%, 65%, 75%
CMY	0.2627, 0.3451, 0.2549
CMYK	0.01, 0.12, 0.00, 0.25
HSL	295°, 15%, 70%
HSV	295°, 12%, 75%
XYZ	43.8520, 42.0465, 54.5197
YIQ	175.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

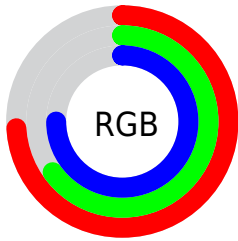
Format	Color
RYB	188, 167, 190
Decimal	12363710
CIELab	70.90, 11.77, -8.98
CIELCh	71, 14.809, 322.656
Yxy	42.0465, 0.3123, 0.2994
Android (android.graphics.Color)	4290553790 (0xFFBCA7BE)
YUV	175.9010, 6.9508, 10.6108
Hunter-Lab	64.8433, 7.2397, -4.4603

Details

The XYZ color **43.8520, 42.0465, 54.5197** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7522, 48.0530, 43.6359**, and the grayscale version is **41.1794, 43.3239, 47.1797**.

A 20% lighter version of the original color is **80.0641, 78.1295, 98.0494**, and **20.6378, 19.2185, 26.2887** is the 20% darker color. If you saturate the color by 10%, you get **40.2195, 35.3818, 53.4254**, and if you desaturate by 10%, it is **48.0030, 49.7400, 55.7865**.

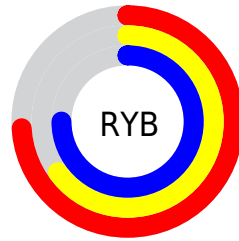
Distribution



Red (74%)

Green (65%)

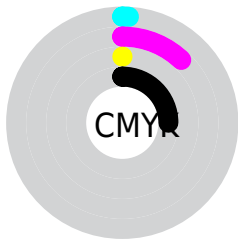
Blue (75%)



Red (74%)

Yellow (65%)

Blue (75%)

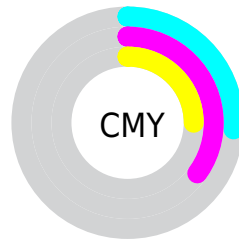


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (26%)


Magenta (35%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8520, 42.0465, 54.5197 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 43.8520, 42.0465, 54.5197 by changing the saturation by 10% instead.


 43.8520, 42.0465,
54.5197


 43.8520, 42.0465,
54.5197


352.9664,
354.6757, 421.3192

 30.7516, 29.1377,
38.6213


 80.2427, 78.2700,
98.3010

 20.5607, 19.1850,
26.1597


 104.2637,
102.3535, 127.0209

 12.9139, 11.8040,
16.7163


132.6557,
130.9307, 160.8518

 7.4458, 6.6104,
9.8726

165.7839,
164.3859, 200.2122

 3.7913, 3.2197,
5.2101

204.0137,
203.1037, 245.5206

 1.5847, 1.2475,
2.3102

247.7105,

 0.3824, 0.1000,

247.4683, 297.1955

0.7369

297.2396,
297.8641, 355.6555

■ 0.0000, 0.0000,
0.0000

■ 43.8520, 42.0465,
54.5197

■ 43.8520, 42.0465,
54.5197

■ 40.2195, 35.3818,
53.4254

■ 48.0030, 49.7400,
55.7865

■ 37.0797, 29.6960,
52.4934

■ 52.6896, 58.4986,
57.2301

■ 34.4098, 24.9432,
51.7167

■ 57.9329, 68.3635,
58.8579

■ 32.1840, 21.0718,
51.0868

■ 63.7515, 79.3721,
60.6761

■ 30.3739, 18.0251,
50.5941

■ 67.8877, 87.0087,
61.9321

■ 28.9479, 15.7397,
50.2281

■ 68.3206, 87.2319,
61.9524

■ 27.8696, 14.1430,
49.9768

■ 68.7583, 87.4576,
61.9728

■ 27.0958, 13.1484,
49.8256

■ 69.2008, 87.6857,
61.9936

■ 26.6340, 12.6566,
49.7550

■ 69.6480, 87.9162,
62.0145

Harmonies

Analogous

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



41.8177, 42.0465, 59.4865



43.8520, 42.0465, 54.5197



44.8518, 42.0465, 47.5387

Triad

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



43.8520, 42.0465, 54.5197



40.5729, 42.0465, 33.5944



35.7473, 42.0465, 51.2122

Complementary

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



43.8520, 42.0465, 54.5197



41.7522, 48.0530, 43.6359

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.



35.4447, 42.0465, 44.0681



43.8520, 42.0465, 54.5197



38.1657, 42.0465, 34.3619

Square

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



43.8520, 42.0465, 54.5197



42.9087, 42.0465, 35.8150



36.3128, 42.0465, 38.0307



37.1570, 42.0465, 57.4441

Rectangle

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



43.8520, 42.0465, 54.5197



44.7695, 42.0465, 42.8711



36.3128, 42.0465, 38.0307



35.5152, 42.0465, 48.8207

Sweetspot

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



43.8532, 42.0483, 54.5206



85.4370, 87.2513, 100.6173



39.4763, 40.4229, 54.4376



18.6310, 18.9178, 22.0548



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.8532, 42.0483, 54.5206



77.3014, 72.2077, 98.1424



43.3752, 41.9144, 49.4140



9.8459, 9.6530, 12.0165



17.7433, 8.4331, 33.0855



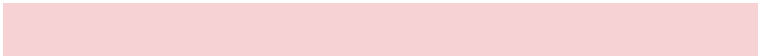
0.7193, 0.3429, 1.2971

Inverse Universe

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



42.2168, 41.4511, 43.3140



73.6596, 70.8815, 73.0659



42.2075, 48.1860, 48.2560



9.5630, 9.5495, 10.0875



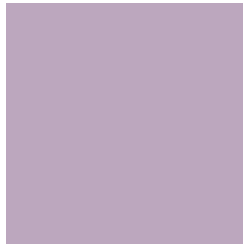
14.1978, 7.3103, 1.0693



0.5677, 0.2910, 0.1027

Previews

White Background



This preview shows how the XYZ color 43.8520, 42.0465, 54.5197 looks on a white background.

Color Contrast Check

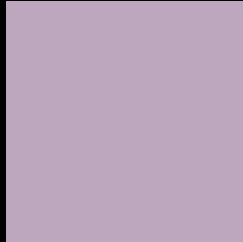
Large Text (above 18pt) WCAG AA × Fail

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 43.8520, 42.0465, 54.5197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

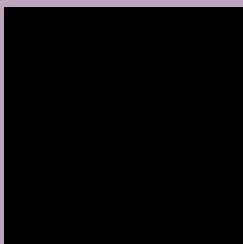
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

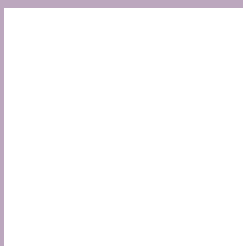
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8520, 42.0465, 54.5197

Background



This preview shows how black text looks on a background with the XYZ color 43.8520, 42.0465, 54.5197.



This preview shows how white text looks on a background with the XYZ color 43.8520, 42.0465,

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

43.8520, 42.0465, 54.5197

Protanopia

41.1727, 42.0132, 56.3914

Deuteranopia

43.0107, 42.1609, 54.5862



Tritanopia

42.9396, 41.9475, 50.0895

Trichromacy



Original Color

43.8520, 42.0465, 54.5197

Protanomaly

42.0206, 41.9023, 55.7424

Deuteranomaly

43.3045, 42.0373, 54.5468

Tritanomaly

43.2531, 42.0728, 51.7401

Monochromacy



Original Color

43.8520, 42.0465, 54.5197

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.1065, 42.9266, 49.7825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8520, 42.0465, 54.5197 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(188, 167, 190)` looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 190)  
}
```

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(188, 167, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 190) }
```

Border

The CSS property to change the border of an element to XYZ 43.8520, 42.0465, 54.5197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

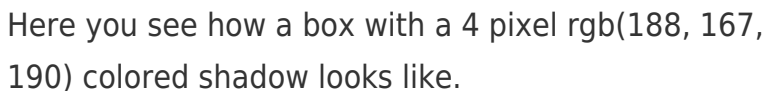
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 167, 190) }
```


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

```
.border{ border-color:rgb(188, 167, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 167, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 190);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8520, 42.0465, 54.5197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 190) }
```

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

```
.background{ background-color: rgb(188,  
167, 190) }
```

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