

Converting Colors

XYZ(43.0570, 42.1812, 54.4245)

Have a look what the booklet for
XYZ(43.0570, 42.1812, 54.4245)
contains.

XYZ(43.0107, 42.1609, 54.5862)	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(43.0107, 42.1609,
54.5862)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A9BE
RGB	183, 169, 190
RGB Percent	72%, 66%, 75%
CMY	0.2823, 0.3372, 0.2549
CMYK	0.04, 0.11, 0.00, 0.25
HSL	280°, 14%, 70%
HSV	280°, 11%, 75%
XYZ	43.0107, 42.1609, 54.5862
YIQ	175.5800, 1.6030, 9.4990

Conversions

Conversions Part 2

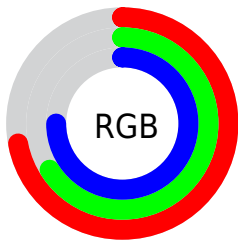
Format	Color
RYB	183, 169, 190
Decimal	12036542
CIELab	70.98, 8.95, -8.91
CIELCh	71, 12.629, 315.114
Yxy	42.1609, 0.3078, 0.3017
Android (android.graphics.Color)	4290226622 (0xFFB7A9BE)
YUV	175.5800, 7.1091, 6.5073
Hunter-Lab	64.9314, 4.6087, -4.3916

Details

The XYZ color **43.0107, 42.1609, 54.5862** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4809, 48.9227, 44.6895**, and the grayscale version is **41.0130, 43.1488, 46.9891**.

A 20% lighter version of the original color is **78.8868, 78.3159, 98.1475**, and **20.0826, 19.2745, 26.3288** is the 20% darker color. If you saturate the color by 10%, you get **38.2572, 34.8399, 53.4243**, and if you desaturate by 10%, it is **48.3481, 50.5478, 55.9244**.

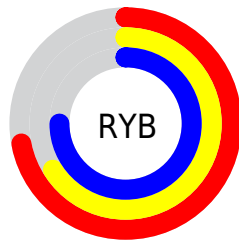
Distribution



Red (72%)

Green (66%)

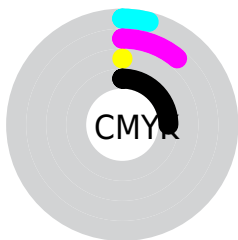
Blue (75%)



Red (72%)

Yellow (66%)

Blue (75%)

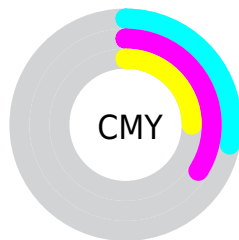


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (28%)

Magenta (34%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0107, 42.1609, 54.5862 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 43.0107, 42.1609, 54.5862 by changing the saturation by 10% instead.

■ 43.0107, 42.1609,
54.5862

■ 43.0107, 42.1609,
54.5862

349.5765,
355.1495, 421.5791

■ 30.0881, 29.2273,
38.6742

■ 78.9826, 78.4431,
98.3995

■ 20.0538, 19.2528,
26.2005

■ 102.7626,
102.5605, 127.1378

■ 12.5427, 11.8531,
16.7466

130.8924,
131.1745, 160.9886

■ 7.1892, 6.6437,
9.8939

163.7375,
164.6697, 200.3704

■ 3.6281, 3.2403,
5.2240

201.6630,
203.4304, 245.7019

■ 1.4940, 1.2584,
2.3182

245.0345,

■ 0.3217, 0.1087,

247.8410, 297.4014

0.7414

294.2172,
298.2859, 355.8877

■ 0.0000, 0.0000,
0.0000

■ 43.0107, 42.1609,
54.5862

■ 43.0107, 42.1609,
54.5862

■ 38.2572, 34.8399,
53.4243

■ 48.3481, 50.5478,
55.9244

■ 34.0610, 28.5347,
52.4284

■ 54.2873, 60.0370,
57.4429

■ 30.3988, 23.1994,
51.5916

■ 60.8500, 70.6699,
59.1494

■ 27.2440, 18.7824,
50.9053

■ 68.0555, 82.4842,
61.0500

■ 24.5676, 15.2269,
50.3601

■ 72.9822, 89.6351,
62.1706

■ 22.3375, 12.4700,
49.9455

■ 74.8747, 90.6107,
62.2592

■ 20.5168, 10.4398,
49.6496

■ 76.8400, 91.6238,
62.3511

■ 19.0624, 9.0510,
49.4582

■ 78.8788, 92.6749,
62.4466

■ 17.9965, 8.2039,
49.3509

■ 80.9919, 93.7642,
62.5455

Harmonies

Analogous

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



41.1378, 42.1609, 58.0369



43.0107, 42.1609, 54.5862



44.1149, 42.1609, 48.9503

Triad

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



43.0107, 42.1609, 54.5862



41.1220, 42.1609, 35.5855



36.2891, 42.1609, 48.9967

Complementary

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



43.0107, 42.1609, 54.5862



43.4809, 48.9227, 44.6895

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.



36.2852, 42.1609, 42.9907



43.0107, 42.1609, 54.5862



39.0261, 42.1609, 35.5956

Square

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



43.0107, 42.1609, 54.5862



42.9988, 42.1609, 38.1699



37.2716, 42.1609, 38.1986



37.2824, 42.1609, 54.6227

Rectangle

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



43.0107, 42.1609, 54.5862



44.2428, 42.1609, 44.8801



37.2716, 42.1609, 38.1986



36.1732, 42.1609, 46.9475

Sweetspot

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



43.0119, 42.1627, 54.5871



85.5950, 88.4059, 100.8318



41.2521, 43.3426, 54.9076



18.6182, 19.1327, 22.0970



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.



43.0119, 42.1627, 54.5871



75.9944, 73.3780, 98.4372



44.3780, 42.9063, 52.8732



9.6125, 9.5326, 12.0056



12.0524, 5.4993, 32.8191



0.5388, 0.2498, 1.2887

Inverse Universe

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



43.2611, 42.4595, 46.9916



76.5470, 74.0241, 82.1432



42.2380, 48.2474, 46.1937



9.6578, 9.5874, 10.5871



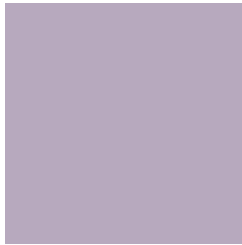
14.7561, 7.5336, 4.0090



0.6090, 0.3075, 0.3202

Previews

White Background



This preview shows how the XYZ color 43.0107, 42.1609, 54.5862 looks on a white background.

Color Contrast Check

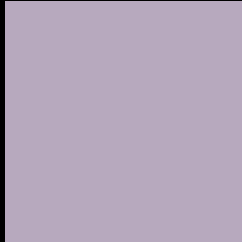
Large Text (above 18pt) WCAG AA × Fail

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 43.0107, 42.1609, 54.5862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

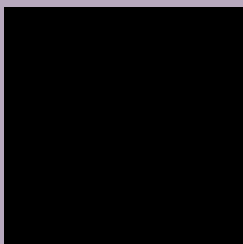
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

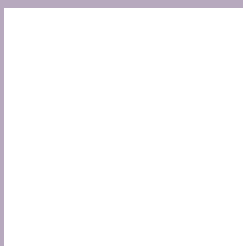
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0107, 42.1609, 54.5862

Background



This preview shows how black text looks on a background with the XYZ color 43.0107, 42.1609, 54.5862.



This preview shows how white text looks on a background with the XYZ color 43.0107, 42.1609,

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

43.0107, 42.1609, 54.5862

Protanopia

41.2526, 42.3508, 55.8695

Deuteranopia

43.0107, 42.1609, 54.5862



Tritanopia

42.2134, 42.1134, 50.7036

Trichromacy



Original Color

43.0107, 42.1609, 54.5862

Protanomaly

41.8357, 42.3806, 55.2655

Deuteranomaly

43.0107, 42.1609, 54.5862

Tritanomaly

42.5291, 42.2397, 52.3659

Monochromacy



Original Color

43.0107, 42.1609, 54.5862

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8745, 42.8070, 49.7716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0107, 42.1609, 54.5862 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(183, 169, 190)` looks like.

```
.text, #text, p{  
    color:rgb(183, 169, 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(183, 169, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 169, 190) }
```

Border

The CSS property to change the border of an element to XYZ 43.0107, 42.1609, 54.5862 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(183, 169, 190) }
```


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

```
.border{ border-color:rgb(183, 169, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 169, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 169, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 169, 190);  
box-shadow:4px 4px 4px 4px rgb(183, 169,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0107, 42.1609, 54.5862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 169, 190) }
```

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

```
.background{ background-color: rgb(183,  
169, 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