

Converting Colors

XYZ(42.4684, 43.4539, 50.9502)

Have a look what the booklet for
XYZ(42.4684, 43.4539, 50.9502)
contains.

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Color

**XYZ(42.5057, 43.3943,
50.9354)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AEB7
RGB	180, 174, 183
RGB Percent	71%, 68%, 72%
CMY	0.2941, 0.3176, 0.2823
CMYK	0.02, 0.05, 0.00, 0.28
HSL	280°, 6%, 70%
HSV	280°, 5%, 72%
XYZ	42.5057, 43.3943, 50.9354
YIQ	176.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

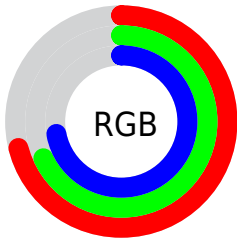
Format	Color
RYB	180, 174, 183
Decimal	11841207
CIELab	71.82, 3.82, -3.84
CIELCh	72, 5.415, 314.840
Yxy	43.3943, 0.3106, 0.3171
Android (android.graphics.Color)	4290031287 (0xFFB4AEB7)
YUV	176.8200, 3.0467, 2.7889
Hunter-Lab	65.8744, -0.1022, 0.2678

Details

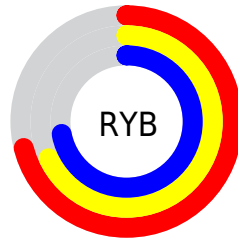
The XYZ color **42.5057, 43.3943, 50.9354** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7065, 46.2712, 46.7269**, and the grayscale version is **41.6808, 43.8515, 47.7543**.

A 20% lighter version of the original color is **78.1914, 80.1035, 93.0017**, and **19.7412, 20.0428, 23.9473** is the 20% darker color. If you saturate the color by 10%, you get **37.8194, 36.0838, 49.7720**, and if you desaturate by 10%, it is **47.7387, 51.7041, 52.2642**.

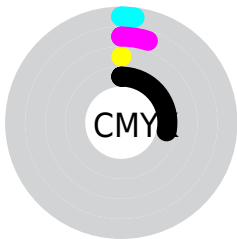
Distribution



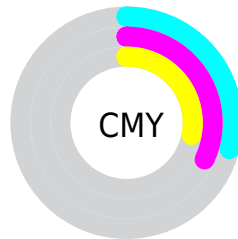
- Red (71%)
- Green (68%)
- Blue (72%)



- Red (71%)
- Yellow (68%)
- Blue (72%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (32%)
- Yellow (28%)
- Black (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5057, 43.3943, 50.9354 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 42.5057, 43.3943, 50.9354 by changing the saturation by 10% instead.

■ 42.5057, 43.3943,
50.9354

■ 42.5057, 43.3943,
50.9354

347.5311,
360.2308, 407.1521

■ 29.6903, 30.1946,
35.7808

■ 78.2248, 80.3055,
92.9698

■ 19.7505, 19.9864,
23.9766

101.8592,
104.7859, 120.6867

■ 12.3211, 12.3851,
15.1042

129.8306,
133.7952, 153.4281

■ 7.0365, 7.0065,
8.7451

162.5045,
167.7180, 191.6126

■ 3.5315, 3.4662,
4.4808

200.2461,
206.9385, 235.6588

■ 1.4406, 1.3797,
1.8926

243.4208,

■ 0.2849, 0.2017,

251.8412, 285.9850

0.4880

292.3940,
302.8105, 343.0100

■ 0.0000, 0.0000,
0.0000

■ 42.5057, 43.3943,
50.9354

■ 42.5057, 43.3943,
50.9354

■ 37.8194, 36.0838,
49.7720

■ 47.7387, 51.7041,
52.2642

■ 33.6560, 29.7280,
48.7646

■ 53.5337, 61.0445,
53.7616

■ 29.9951, 24.2869,
47.9073

■ 59.9100, 71.4523,
55.4345

■ 26.8139, 19.7157,
47.1927

■ 66.8848, 82.9610,
57.2883

■ 24.0872, 15.9657,
46.6126

■ 71.0313, 88.7156,
58.1805

■ 21.7877, 12.9833,
46.1581

■ 72.8075, 89.6313,
58.2636

■ 19.8845, 10.7082,
45.8193

■ 74.6508, 90.5816,
58.3499

■ 18.3423, 9.0710,
45.5845

■ 76.5618, 91.5667,
58.4393

■ 17.1182, 7.9873,
45.4399

■ 78.5412, 92.5871,
58.5319

Harmonies

Analogous

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



41.7000, 43.3943, 52.3205



42.5057, 43.3943, 50.9354



42.9771, 43.3943, 48.5871

Triad

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



42.5057, 43.3943, 50.9354



41.7096, 43.3943, 42.5232



39.5576, 43.3943, 48.5593

Complementary

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



42.5057, 43.3943, 50.9354



42.7065, 46.2712, 46.7269

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.



39.5600, 43.3943, 45.9357



42.5057, 43.3943, 50.9354



40.7933, 43.3943, 42.5163

Square

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



42.5057, 43.3943, 50.9354



42.5128, 43.3943, 43.7640



40.0094, 43.3943, 43.7449



40.0026, 43.3943, 50.9143

Rectangle

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



42.5057, 43.3943, 50.9354



43.0339, 43.3943, 46.8226



40.0094, 43.3943, 43.7449



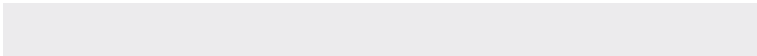
39.5063, 43.3943, 47.6780

Sweetspot

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



42.5070, 43.3962, 50.9363



79.6644, 83.3075, 92.1169



41.7563, 43.9229, 51.0776



17.6062, 18.4172, 20.3485



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.5070, 43.3962, 50.9363



75.0851, 76.0801, 90.9632



43.0731, 43.7042, 50.2330



9.3843, 9.4818, 11.4150



11.6351, 5.3093, 31.6646



0.4729, 0.2195, 1.1192

Inverse Universe

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



42.6018, 43.5157, 47.7511



75.2989, 76.3464, 83.9231



42.1629, 45.9757, 47.3918



9.4132, 9.5177, 10.4689



14.2402, 7.2698, 3.8856



0.5315, 0.2681, 0.2923

Previews

White Background



This preview shows how the XYZ color 42.5057, 43.3943, 50.9354 looks on a white background.

Color Contrast Check

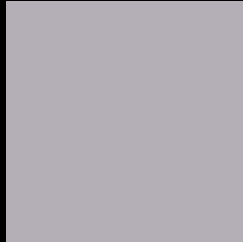
Large Text (above 18pt) WCAG AA × Fail

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 42.5057, 43.3943, 50.9354 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 42.5057, 43.3943, 50.9354

Background



This preview shows how black text looks on a background with the XYZ color 42.5057, 43.3943, 50.9354.



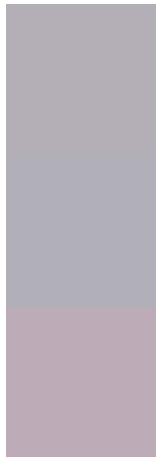
This preview shows how white text looks on a background with the XYZ color 42.5057, 43.3943,

50.9354.

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

42.5057, 43.3943, 50.9354

Protanopia

42.1132, 43.4677, 51.5179

Deuteranopia

44.4498, 43.5337, 51.4075



Tritanopia

42.9693, 43.2988, 53.1065

Trichromacy



Original Color

42.5057, 43.3943, 50.9354

Protanomaly

42.3418, 43.5856, 51.5286

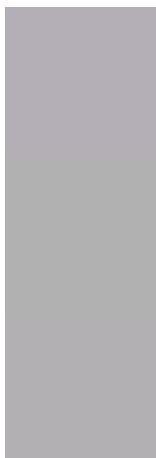
Deuteranomaly

43.6540, 43.4048, 51.4246

Tritanomaly

42.8626, 43.2561, 52.5445

Monochromacy



Original Color

42.5057, 43.3943, 50.9354

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.0221, 43.7703, 48.8815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5057, 43.3943, 50.9354 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(180, 174, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 183)  
}
```

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(180, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 183) }
```

Border

The CSS property to change the border of an element to XYZ 42.5057, 43.3943, 50.9354 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(180, 174, 183) }
```


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

```
.border{ border-color:rgb(180, 174, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5057, 43.3943, 50.9354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 183) }
```

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

```
.background{ background-color: rgb(180,  
174, 183) }
```

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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