

Converting Colors

XYZ(42.1166, 43.3355, 50.6865)

Have a look what the booklet for
XYZ(42.1166, 43.3355, 50.6865)
contains.

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Color

**XYZ(42.0434, 43.1560,
50.9138)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AEB7
RGB	178, 174, 183
RGB Percent	70%, 68%, 72%
CMY	0.3020, 0.3176, 0.2823
CMYK	0.03, 0.05, 0.00, 0.28
HSL	267°, 6%, 70%
HSV	267°, 5%, 72%
XYZ	42.0434, 43.1560, 50.9138
YIQ	176.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

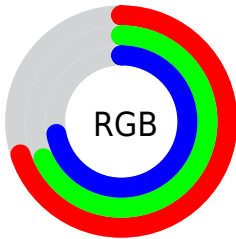
Format	Color
RYB	178, 174, 183
Decimal	11710135
CIELab	71.66, 3.12, -4.10
CIELCh	72, 5.149, 307.312
Yxy	43.1560, 0.3089, 0.3171
Android (android.graphics.Color)	4289900215 (0xFFB2AEB7)
YUV	176.2220, 3.3416, 1.5593
Hunter-Lab	65.6932, -0.7239, 0.0341

Details

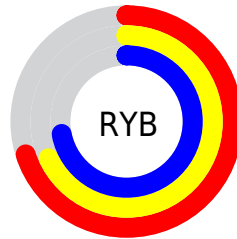
The XYZ color **42.0434, 43.1560, 50.9138** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1656, 46.5079, 46.7485**, and the grayscale version is **41.3670, 43.5213, 47.3947**.

A 20% lighter version of the original color is **77.5310, 79.7630, 92.9708**, and **19.4462, 19.8907, 23.9335** is the 20% darker color. If you saturate the color by 10%, you get **36.4988, 35.4030, 49.7102**, and if you desaturate by 10%, it is **48.2452, 51.9652, 52.2879**.

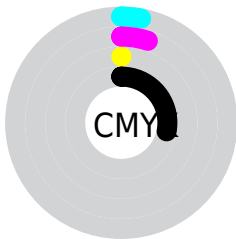
Distribution



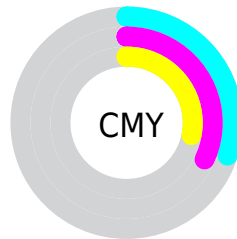
- Red (70%)
- Green (68%)
- Blue (72%)



- Red (70%)
- Yellow (68%)
- Blue (72%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (30%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0434, 43.1560, 50.9138 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 42.0434, 43.1560, 50.9138 by changing the saturation by 10% instead.

■ 42.0434, 43.1560,
50.9138

■ 42.0434, 43.1560,
50.9138

345.6514,
359.2529, 407.0658

■ 29.3265, 30.0075,
35.7638

■ 77.5301, 79.9462,
92.9375

■ 19.4735, 19.8443,
23.9636

101.0306,
104.3568, 120.6483

■ 12.1189, 12.2819,
15.0946

128.8563,
133.2901, 153.3831

■ 6.8975, 6.9360,
8.7385

161.3727,
167.1307, 191.5604

■ 3.4438, 3.4221,
4.4765

198.9450,
206.2628, 235.5988

■ 1.3926, 1.3559,
1.8902

241.9387,

■ 0.2509, 0.1839,

251.0710, 285.9168

0.4865

290.7190,
301.9396, 342.9329

■ 0.0000, 0.0000,
0.0000

■ 42.0434, 43.1560,
50.9138

■ 42.0434, 43.1560,
50.9138

■ 36.4988, 35.4030,
49.7102

■ 48.2452, 51.9652,
52.2879

■ 31.5845, 28.6601,
48.6677

■ 55.1224, 61.8635,
53.8360

■ 27.2774, 22.8859,
47.7802

■ 62.6969, 72.8891,
55.5650

■ 23.5512, 18.0337,
47.0400

■ 70.9887, 85.0766,
57.4804

■ 20.3776, 14.0534,
46.4390

■ 76.5733, 91.5727,
58.4399

■ 17.7257, 10.8893,
45.9680

■ 79.9116, 93.2936,
58.5961

■ 15.5612, 8.4794,
45.6170

■ 83.4430, 95.1141,
58.7614

■ 13.8447, 6.7524,
45.3741

■ 85.5474, 96.1990,
58.8599

■ 12.5295, 5.6217,
45.2252

Harmonies

Analogous

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



41.2323, 43.1560, 51.9160



42.0434, 43.1560, 50.9138



42.5852, 43.1560, 48.8665

Triad

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



42.0434, 43.1560, 50.9138



41.6687, 43.1560, 42.6963



39.3775, 43.1560, 47.6034

Complementary

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



42.0434, 43.1560, 50.9138



43.1656, 46.5079, 46.7485

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.



39.4907, 43.1560, 45.1613



42.0434, 43.1560, 50.9138



40.8054, 43.1560, 42.3851

Square

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



42.0434, 43.1560, 50.9138



42.3668, 43.1560, 44.1381



40.0104, 43.1560, 43.2723



39.6991, 43.1560, 49.9613

Rectangle

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



42.0434, 43.1560, 50.9138



42.7165, 43.1560, 47.2151



40.0104, 43.1560, 43.2723



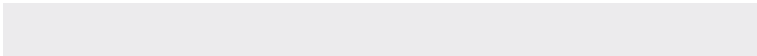
39.3661, 43.1560, 46.7647

Sweetspot

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



42.0446, 43.1578, 50.9147



79.4893, 83.2172, 92.1087



42.1446, 44.6995, 51.2070



17.5695, 18.3982, 20.3468



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.



42.0446, 43.1578, 50.9147



74.0650, 75.5542, 90.9155



43.0706, 43.6868, 50.9628



9.2473, 9.4111, 11.4086



8.4243, 3.6541, 31.5144



0.3684, 0.1656, 1.1143

Inverse Universe

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



42.8027, 43.5961, 48.8091



75.7413, 76.5233, 86.2530



42.1646, 45.9919, 46.7016



9.4726, 9.5414, 10.7816



15.3211, 7.7022, 9.5778



0.5707, 0.2838, 0.4989

Previews

White Background



This preview shows how the XYZ color 42.0434, 43.1560, 50.9138 looks on a white background.

Color Contrast Check

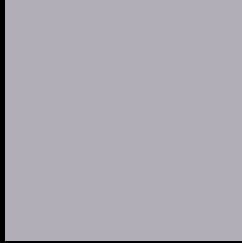
Large Text (above 18pt) WCAG AA × Fail

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 42.0434, 43.1560, 50.9138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

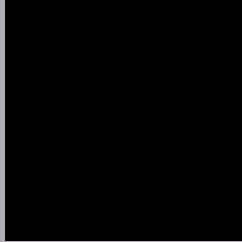
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0434, 43.1560, 50.9138

Background



This preview shows how black text looks on a background with the XYZ color 42.0434, 43.1560, 50.9138.

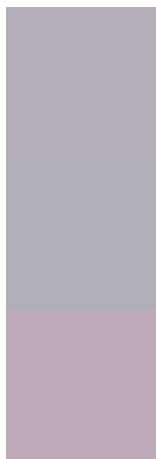


This preview shows how white text looks on a background with the XYZ color 42.0434, 43.1560,

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

42.0434, 43.1560, 50.9138

Protanopia

41.7817, 43.3089, 50.9571

Deuteranopia

44.0127, 43.0290, 51.3331



Tritanopia

42.5036, 43.0587, 53.0847

Trichromacy



Original Color

42.0434, 43.1560, 50.9138

Protanomaly

42.0087, 43.4260, 50.9677

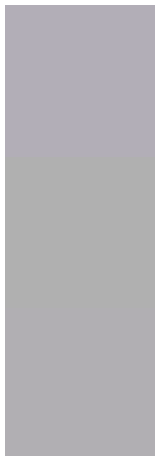
Deuteranomaly

43.2222, 42.9008, 51.3500

Tritanomaly

42.3969, 43.0160, 52.5227

Monochromacy



Original Color

42.0434, 43.1560, 50.9138

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5981, 43.2617, 48.8057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0434, 43.1560, 50.9138 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(178, 174, 183)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 183) }
```

Border

The CSS property to change the border of an element to XYZ 42.0434, 43.1560, 50.9138 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(178, 174, 183) }
```


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

```
.border{ border-color:rgb(178, 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(178, 174, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0434, 43.1560, 50.9138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 183) }
```

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

```
.background{ background-color: rgb(178,  
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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