

Converting Colors

XYZ(42.0731, 43.0589, 46.2143)

Have a look what the booklet for
XYZ(42.0731, 43.0589, 46.2143)
contains.

XYZ(42.1120, 43.0104, 46.1267)	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(42.1120, 43.0104,
46.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	B7ADAE
RGB	183, 173, 174
RGB Percent	72%, 68%, 68%
CMY	0.2823, 0.3216, 0.3176
CMYK	0.00, 0.05, 0.05, 0.28
HSL	354°, 6%, 70%
HSV	354°, 5%, 72%
XYZ	42.1120, 43.0104, 46.1267
YIQ	176.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

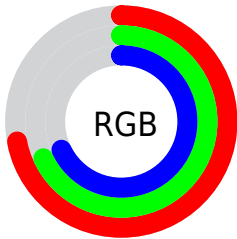
Format	Color
RYB	183, 173, 174
Decimal	12037550
CIELab	71.56, 3.75, 0.76
CIElCh	72, 3.830, 11.455
Yxy	43.0104, 0.3209, 0.3277
Android (android.graphics.Color)	4290227630 (0xFFB7ADAE)
YUV	176.1040, -1.0373, 6.0478
Hunter-Lab	65.5823, -0.1499, 4.2066

Details

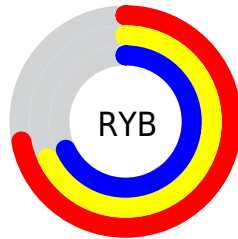
The XYZ color **42.1120, 43.0104, 46.1267** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6122, 46.1297, 50.9163**, and the grayscale version is **41.3252, 43.4774, 47.3469**.

A 20% lighter version of the original color is **77.4829, 79.4947, 85.3890**, and **19.5561, 19.8257, 21.2084** is the 20% darker color. If you saturate the color by 10%, you get **37.3317, 35.8641, 37.0891**, and if you desaturate by 10%, it is **47.5724, 51.2005, 56.3640**.

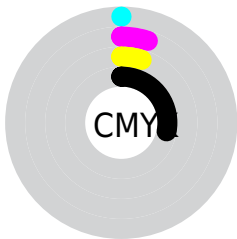
Distribution



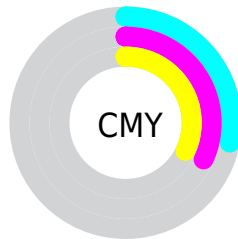
- Red (72%)
- Green (68%)
- Blue (68%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1120, 43.0104, 46.1267 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 42.1120, 43.0104, 46.1267 by changing the saturation by 10% instead.

■ 42.1120, 43.0104,
46.1267

■ 42.1120, 43.0104,
46.1267

345.9307,
358.6545, 387.6102

■ 29.3805, 29.8933,
31.9964

■ 77.6332, 79.7266,
85.7449

■ 19.5146, 19.7576,
21.0940

101.1536,
104.0944, 112.0698

■ 12.1489, 12.2190,
13.0008

129.0010,
132.9812, 143.2968

■ 6.9181, 6.8930,
7.2984

161.5408,
166.7715, 179.8443

■ 3.4568, 3.3953,
3.5681

199.1383,
205.8495, 222.1308

■ 1.3997, 1.3414,
1.3915

242.1589,

■ 0.2560, 0.1729,

250.5998, 270.5749

0.1351

290.9679,
301.4067, 325.5952

■ 0.0000, 0.0000,
0.0000

■ 42.1120, 43.0104,
46.1267

■ 42.1120, 43.0104,
46.1267

■ 37.3317, 35.8641,
37.0891

■ 47.5724, 51.2005,
56.3640

■ 33.2014, 29.7144,
29.2047

■ 53.7344, 60.4682,
67.8400

■ 29.6940, 24.5186,
22.4277

■ 60.6228, 70.8526,
80.5949

■ 26.7792, 20.2290,
16.7086

■ 68.2604, 82.3891,
94.6668

■ 24.4241, 16.7936,
11.9937

■ 73.3387, 88.8074,
107.8839

■ 22.5927, 14.1551,
8.2250

■ 21.2444, 12.2492,
5.3382

■ 20.3331, 11.0018,
3.2611

■ 19.8022, 10.3210,
1.9097

Harmonies

Analogous

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



42.0714, 43.0104, 47.9738



42.1120, 43.0104, 46.1267



41.8199, 43.0104, 44.5108

Triad

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



42.1120, 43.0104, 46.1267



40.0617, 43.0104, 44.2102



40.4856, 43.0104, 50.2921

Complementary

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



42.1120, 43.0104, 46.1267



42.6122, 46.1297, 50.9163

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.



39.9544, 43.0104, 49.2305



42.1120, 43.0104, 46.1267



39.7115, 43.0104, 45.7066

Square

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



42.1120, 43.0104, 46.1267



40.6334, 43.0104, 43.4239



39.6725, 43.0104, 47.5425



41.1278, 43.0104, 50.4118

Rectangle

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



42.1120, 43.0104, 46.1267



41.4777, 43.0104, 43.7693



39.6725, 43.0104, 47.5425



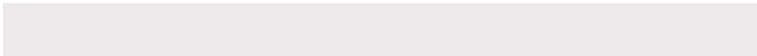
40.2883, 43.0104, 50.0323

Sweetspot

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



42.1132, 43.0123, 46.1276



78.6373, 81.8493, 88.6548



42.7835, 43.2530, 50.8941



17.3909, 18.1115, 19.6230



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.



42.1132, 43.0123, 46.1276



73.9251, 74.7906, 79.7911



42.7947, 44.5302, 45.8770



9.2467, 9.3356, 9.9482



13.7133, 7.0591, 1.1111



0.4956, 0.2537, 0.1032

Inverse Universe

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



42.1132, 43.0123, 46.1276



73.9251, 74.7906, 79.7911



41.9025, 44.5448, 51.1899



9.2467, 9.3356, 9.9482



13.7133, 7.0591, 1.1111



0.4956, 0.2537, 0.1032

Previews

White Background



This preview shows how the XYZ color 42.1120, 43.0104, 46.1267 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 42.1120, 43.0104, 46.1267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

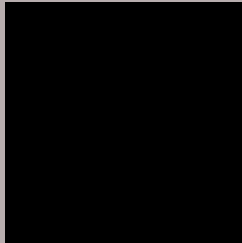
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1120, 43.0104, 46.1267

Background



This preview shows how black text looks on a background with the XYZ color 42.1120, 43.0104, 46.1267.

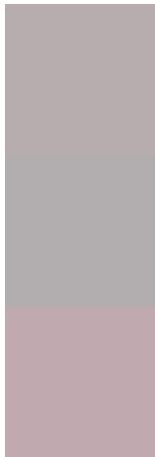


This preview shows how white text looks on a background with the XYZ color 42.1120, 43.0104,

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

42.1120, 43.0104, 46.1267

Protanopia

41.2340, 42.8322, 46.6516

Deuteranopia

43.8508, 43.0511, 46.5559



Tritanopia

43.3274, 42.9429, 51.9041

Trichromacy



Original Color

42.1120, 43.0104, 46.1267

Protanomaly

41.6963, 43.0705, 46.6733

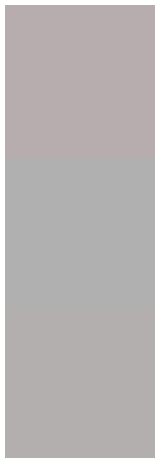
Deuteranomaly

43.2870, 43.0398, 46.5835

Tritanomaly

42.8602, 43.0316, 49.7630

Monochromacy



Original Color

42.1120, 43.0104, 46.1267

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.6582, 43.3388, 46.7270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1120, 43.0104, 46.1267 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, 173, 174)` looks like.

```
.text, #text, p{  
    color:rgb(183, 173, 174)  
}
```

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, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 173, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.1120, 43.0104, 46.1267 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, 173, 174) }
```


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

```
.border{ border-color:rgb(183, 173, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 173, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 173, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 173, 174);  
box-shadow:4px 4px 4px 4px rgb(183, 173,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1120, 43.0104, 46.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 173, 174) }
```

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

```
.background{ background-color: rgb(183,  
173, 174) }
```

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