

Converting Colors

XYZ(43.1525, 42.3015, 51.5616)

Have a look what the booklet for
XYZ(43.1525, 42.3015, 51.5616)
contains.

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Color

**XYZ(43.1946, 42.3178,
51.7905)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA9B9
RGB	186, 169, 185
RGB Percent	73%, 66%, 73%
CMY	0.2706, 0.3372, 0.2745
CMYK	0.00, 0.09, 0.01, 0.27
HSL	304°, 11%, 70%
HSV	304°, 9%, 73%
XYZ	43.1946, 42.3178, 51.7905
YIQ	175.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

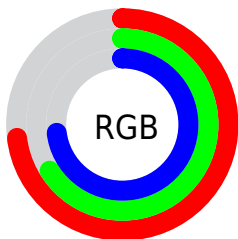
Format	Color
RYB	186, 169, 185
Decimal	12233145
CIELab	71.09, 9.03, -5.97
CIELCh	71, 10.822, 326.545
Yxy	42.3178, 0.3146, 0.3082
Android (android.graphics.Color)	4290423225 (0xFFBAA9B9)
YUV	175.9070, 4.4828, 8.8516
Hunter-Lab	65.0521, 4.6827, -1.6666

Details

The XYZ color **43.1946, 42.3178, 51.7905** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1784, 46.4562, 44.8290**, and the grayscale version is **41.1950, 43.3403, 47.1976**.

A 20% lighter version of the original color is **79.1508, 78.5394, 94.2070**, and **20.1990, 19.3751, 24.5050** is the 20% darker color. If you saturate the color by 10%, you get **39.8629, 35.8380, 50.1126**, and if you desaturate by 10%, it is **47.0219, 49.7861, 53.6390**.

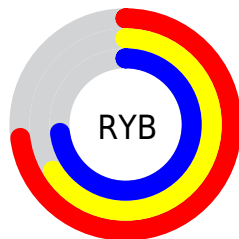
Distribution



Red (73%)

Green (66%)

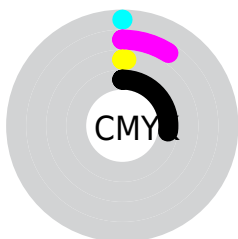
Blue (73%)



Red (73%)

Yellow (66%)

Blue (73%)

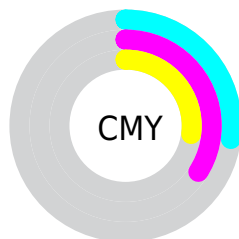


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1946, 42.3178, 51.7905 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 43.1946, 42.3178, 51.7905 by changing the saturation by 10% instead.

■ 43.1946, 42.3178,
51.7905

■ 43.1946, 42.3178,
51.7905

350.3194,
355.7987, 410.5612

■ 30.2330, 29.3502,
36.4570

■ 79.2583, 78.6804,
94.2456

■ 20.1645, 19.3459,
24.4949

103.0912,
102.8442, 122.2044

■ 12.6236, 11.9205,
15.4855

131.2785,
131.5088, 155.2086

■ 7.2451, 6.6896,
9.0105

164.1856,
165.0587, 193.6769

■ 3.6635, 3.2687,
4.6511

202.1779,
203.8782, 238.0277

■ 1.5136, 1.2736,
1.9889

245.6207,

■ 0.3351, 0.1206,

248.3518, 288.6797

0.5484

294.8795,
298.8638, 346.0514

■ 0.0000, 0.0000,
0.0000

■ 43.1946, 42.3178,
51.7905

■ 43.1946, 42.3178,
51.7905

■ 39.8629, 35.8380,
50.1126

■ 47.0219, 49.7861,
53.6390

■ 37.0024, 30.2998,
48.5957

■ 51.3605, 58.2764,
55.6618

■ 34.5923, 25.6608,
47.2333

■ 56.2302, 67.8272,
57.8660

■ 32.6085, 21.8733,
46.0173

■ 61.6483, 78.4736,
60.2575

■ 31.0250, 18.8848,
44.9391

■ 65.3560, 85.6977,
62.0832

■ 29.8128, 16.6374,
43.9890

■ 65.4765, 85.7459,
62.7177

■ 28.9389, 15.0654,
43.1560

■ 65.5979, 85.7944,
63.3569

■ 28.3646, 14.0911,
42.4272

■ 65.7202, 85.8433,
64.0008

■ 28.0202, 13.5752,
41.7793

■ 65.8433, 85.8926,
64.6495

Harmonies

Analogous

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



41.7966, 42.3178, 55.5767



43.1946, 42.3178, 51.7905



43.7952, 42.3178, 46.6800

Triad

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



43.1946, 42.3178, 51.7905



40.4318, 42.3178, 36.8303



37.1893, 42.3178, 50.6743

Complementary

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



43.1946, 42.3178, 51.7905



41.1784, 46.4562, 44.8290

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.



36.8483, 42.3178, 45.4790



43.1946, 42.3178, 51.7905



38.6871, 42.3178, 37.7264

Square

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



43.1946, 42.3178, 51.7905



42.1703, 42.3178, 38.2544



37.3886, 42.3178, 40.7998



38.3343, 42.3178, 54.8991

Rectangle

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



43.1946, 42.3178, 51.7905



43.6496, 42.3178, 43.2976



37.3886, 42.3178, 40.7998



36.9783, 42.3178, 48.9726

Sweetspot

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



43.1958, 42.3196, 51.7914



82.4075, 84.7283, 95.8755



39.5979, 40.4526, 52.1761



18.0228, 18.4151, 21.0533



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



43.1958, 42.3196, 51.7914



76.9877, 74.1617, 93.2274



42.3400, 41.9773, 47.2847



9.3575, 9.1534, 11.2300



18.8427, 9.1109, 28.1223



0.6712, 0.3240, 1.0280

Inverse Universe

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



43.1958, 42.3196, 51.7914



76.9877, 74.1617, 93.2274



41.9936, 46.7823, 49.1219



9.3575, 9.1534, 11.2300



18.8427, 9.1109, 28.1223



0.6712, 0.3240, 1.0280

Previews

White Background



This preview shows how the XYZ color 43.1946, 42.3178, 51.7905 looks on a white background.

Color Contrast Check

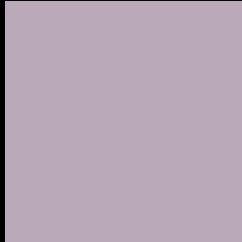
Large Text (above 18pt) WCAG AA × Fail

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 43.1946, 42.3178, 51.7905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

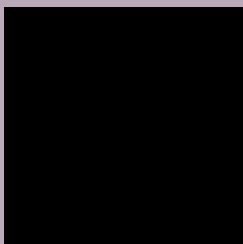
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

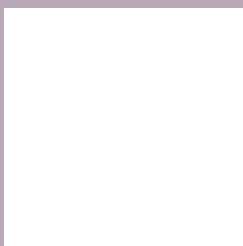
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1946, 42.3178, 51.7905

Background



This preview shows how black text looks on a background with the XYZ color 43.1946, 42.3178, 51.7905.



This preview shows how white text looks on a background with the XYZ color 43.1946, 42.3178,

51.7905.

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

43.1946, 42.3178, 51.7905

Protanopia

41.1468, 42.3592, 53.0212

Deuteranopia

43.1946, 42.3178, 51.7905



Tritanopia

42.9849, 42.2339, 50.6862

Trichromacy



Original Color

43.1946, 42.3178, 51.7905

Protanomaly

41.9755, 42.5152, 52.4483

Deuteranomaly

43.1946, 42.3178, 51.7905

Tritanomaly

43.0894, 42.2757, 51.2364

Monochromacy



Original Color

43.1946, 42.3178, 51.7905

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9026, 42.8451, 48.7093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1946, 42.3178, 51.7905 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(186, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 185)  
}
```

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(186, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 185) }
```

Border

The CSS property to change the border of an element to XYZ 43.1946, 42.3178, 51.7905 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(186, 169, 185) }
```


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

```
.border{ border-color:rgb(186, 169, 185) }
```

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

Here you see how a box with a 4 pixel rgb(186, 169, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1946, 42.3178, 51.7905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 185) }
```

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

```
.background{ background-color: rgb(186,  
169, 185) }
```

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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