

Converting Colors

XYZ(42.3683, 42.2807, 52.0940)

Have a look what the booklet for
XYZ(42.3683, 42.2807, 52.0940)
contains.

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Color

**XYZ(42.1877, 42.0760,
51.7969)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AAB9
RGB	181, 170, 185
RGB Percent	71%, 67%, 73%
CMY	0.2902, 0.3333, 0.2745
CMYK	0.02, 0.08, 0.00, 0.27
HSL	284°, 10%, 70%
HSV	284°, 8%, 73%
XYZ	42.1877, 42.0760, 51.7969
YIQ	174.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

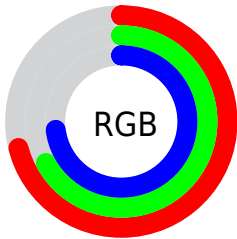
Format	Color
R_{YB}	181, 170, 185
Decimal	11905721
CIE Lab	70.92, 6.74, -6.26
CIE LCh	71, 9.195, 317.098
Yxy	42.0760, 0.3101, 0.3092
Android (android.graphics.Color)	4290095801 (0xFFB5AAB9)
YUV	174.9990, 4.9305, 5.2629
Hunter-Lab	64.8660, 2.5777, -1.9381

Details

The XYZ color **42.1877, 42.0760, 51.7969** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0619, 46.6000, 44.8102**, and the grayscale version is **40.7227, 42.8435, 46.6566**.

A 20% lighter version of the original color is **77.7275, 78.2058, 94.2176**, and **19.5454, 19.2120, 24.5079** is the 20% darker color. If you saturate the color by 10%, you get **37.8246, 35.0366, 50.6687**, and if you desaturate by 10%, it is **47.0823, 50.1162, 53.0915**.

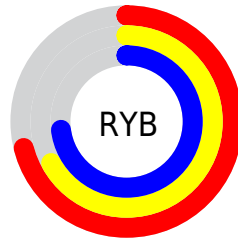
Distribution



Red (71%)

Green (67%)

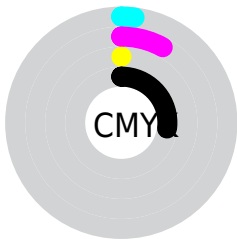
Blue (73%)



Red (71%)

Yellow (67%)

Blue (73%)

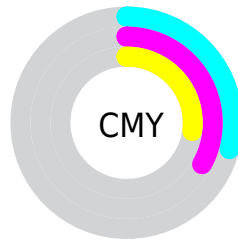


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1877, 42.0760, 51.7969 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 42.1877, 42.0760, 51.7969 by changing the saturation by 10% instead.

■ 42.1877, 42.0760,
51.7969

■ 42.1877, 42.0760,
51.7969

346.2388,
354.7979, 410.5866

■ 29.4400, 29.1608,
36.4621

■ 77.7470, 78.3146,
94.2552

■ 19.5599, 19.2025,
24.4988

101.2894,
102.4069, 122.2157

■ 12.1819, 11.8167,
15.4884

129.1607,
130.9936, 155.2219

■ 6.9408, 6.6190,
9.0125

161.7263,
164.4591, 193.6923

■ 3.4711, 3.2250,
4.6524

199.3515,
203.1879, 238.0454

■ 1.4075, 1.2503,
1.9896

242.4018,

■ 0.2616, 0.1022,

247.5644, 288.6998

0.5489

291.2425,
297.9729, 346.0741

■ 0.0000, 0.0000,
0.0000

■ 42.1877, 42.0760,
51.7969

■ 42.1877, 42.0760,
51.7969

■ 37.8246, 35.0366,
50.6687

■ 47.0823, 50.1162,
53.0915

■ 33.9685, 28.9518,
49.6975

■ 52.5242, 59.1902,
54.5561

■ 30.5987, 23.7798,
48.8768

■ 58.5331, 69.3362,
56.1978

■ 27.6913, 19.4737,
48.1989

■ 65.1266, 80.5885,
58.0222

■ 25.2203, 15.9821,
47.6552

■ 69.8802, 88.0980,
59.2211

■ 23.1569, 13.2482,
47.2362

■ 71.2690, 88.8139,
59.2861

■ 21.4688, 11.2077,
46.9314

■ 72.7011, 89.5522,
59.3531

■ 20.1180, 9.7856,
46.7281

■ 74.1770, 90.3131,
59.4222

■ 19.0446, 8.8627,
46.6065

■ 75.6970, 91.0967,
59.4933

Harmonies

Analogous

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



40.8639, 42.0760, 54.3550



42.1877, 42.0760, 51.7969



42.9311, 42.0760, 47.7223

Triad

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



42.1877, 42.0760, 51.7969



40.6530, 42.0760, 38.0761



37.2433, 42.0760, 48.3377

Complementary

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



42.1877, 42.0760, 51.7969



42.0619, 46.6000, 44.8102

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.



37.1901, 42.0760, 43.9565



42.1877, 42.0760, 51.7969



39.1326, 42.0760, 38.2175

Square

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



42.1877, 42.0760, 51.7969



42.0300, 42.0760, 39.9103



37.8738, 42.0760, 40.3098



38.0210, 42.0760, 52.2720

Rectangle

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



42.1877, 42.0760, 51.7969



42.9854, 42.0760, 44.7796



37.8738, 42.0760, 40.3098



37.1408, 42.0760, 46.8634

Sweetspot

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



42.1889, 42.0778, 51.7978



80.7666, 83.8865, 94.1395



40.5207, 42.4195, 51.9517



17.4320, 18.1177, 20.2999



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.



42.1889, 42.0778, 51.7978



73.8748, 72.6222, 92.3285



42.8013, 42.4327, 50.0561



9.1409, 9.0390, 11.3424



12.9099, 5.9665, 31.7243



0.5104, 0.2388, 1.1209

Inverse Universe

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



42.0238, 42.1217, 45.9621



73.5215, 72.7269, 79.3568



41.4951, 46.2719, 46.4083



9.1004, 9.0505, 9.8759



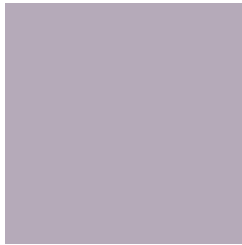
14.0322, 7.1866, 2.7905



0.5212, 0.2640, 0.2383

Previews

White Background



This preview shows how the XYZ color 42.1877, 42.0760, 51.7969 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 42.1877, 42.0760, 51.7969 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 42.1877, 42.0760, 51.7969

Background



This preview shows how black text looks on a background with the XYZ color 42.1877, 42.0760, 51.7969.



This preview shows how white text looks on a background with the XYZ color 42.1877, 42.0760,

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

42.1877, 42.0760, 51.7969

Protanopia

40.9557, 41.9771, 52.9575

Deuteranopia

42.9525, 42.1930, 51.7792



Tritanopia

42.0825, 42.0339, 51.2428

Trichromacy



Original Color

42.1877, 42.0760, 51.7969

Protanomaly

41.3303, 41.9011, 52.3638

Deuteranomaly

42.7121, 42.0691, 51.7679

Tritanomaly

42.0825, 42.0339, 51.2428

Monochromacy



Original Color

42.1877, 42.0760, 51.7969

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2117, 42.4889, 48.6769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1877, 42.0760, 51.7969 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(181, 170, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 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(181, 170, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 185) }
```

Border

The CSS property to change the border of an element to XYZ 42.1877, 42.0760, 51.7969 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(181, 170, 185) }
```


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

```
.border{ border-color:rgb(181, 170, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 170, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1877, 42.0760, 51.7969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 185) }
```

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

```
.background{ background-color: rgb(181,  
170, 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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