

Converting Colors

XYZ(42.9367, 43.5066, 51.1355)

Have a look what the booklet for
XYZ(42.9367, 43.5066, 51.1355)
contains.

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Color

**XYZ(42.9747, 43.6361,
50.9573)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AEB7
RGB	182, 174, 183
RGB Percent	71%, 68%, 72%
CMY	0.2863, 0.3176, 0.2823
CMYK	0.01, 0.05, 0.00, 0.28
HSL	293°, 6%, 70%
HSV	293°, 5%, 72%
XYZ	42.9747, 43.6361, 50.9573
YIQ	177.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

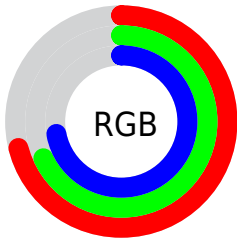
Format	Color
RYB	182, 174, 183
Decimal	11972279
CIELab	71.98, 4.52, -3.58
CIELCh	72, 5.765, 321.596
Yxy	43.6361, 0.3124, 0.3172
Android (android.graphics.Color)	4290162359 (0xFFB6AEB7)
YUV	177.4180, 2.7519, 4.0184
Hunter-Lab	66.0576, 0.5248, 0.5036

Details

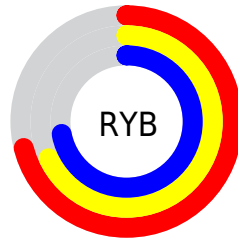
The XYZ color **42.9747, 43.6361, 50.9573** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2543, 46.0380, 46.7058**, and the grayscale version is **41.9961, 44.1832, 48.1155**.

A 20% lighter version of the original color is **78.8592, 80.4478, 93.0330**, and **20.0421, 20.1979, 23.9613** is the 20% darker color. If you saturate the color by 10%, you get **39.2011, 36.7961, 49.8366**, and if you desaturate by 10%, it is **47.2395, 51.4468, 52.2408**.

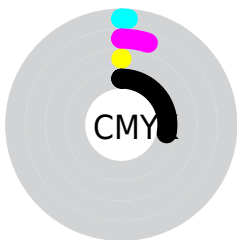
Distribution



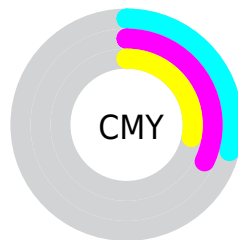
- Red (71%)
- Green (68%)
- Blue (72%)



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



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9747, 43.6361, 50.9573 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 42.9747, 43.6361, 50.9573 by changing the saturation by 10% instead.

■ 42.9747, 43.6361,
50.9573

■ 42.9747, 43.6361,
50.9573

349.4310,
361.2212, 407.2397

■ 30.0597, 30.3845,
35.7981

■ 78.9286, 80.6699,
93.0025

■ 20.0322, 20.1306,
23.9899

102.6983,
105.2209, 120.7256

■ 12.5269, 12.4900,
15.1140

130.8168,
134.3071, 153.4738

■ 7.1783, 7.0783,
8.7519

163.6497,
168.3131, 191.6656

■ 3.6212, 3.5111,
4.4851

201.5622,
207.6230, 235.7196

■ 1.4901, 1.4041,
1.8951

244.9196,

■ 0.3191, 0.2197,

252.6215, 286.0542

0.4896

294.0875,
303.6927, 343.0881

■ 0.0000, 0.0000,
0.0000

■ 42.9747, 43.6361,
50.9573

■ 42.9747, 43.6361,
50.9573

■ 39.2011, 36.7961,
49.8366

■ 47.2395, 51.4468,
52.2408

■ 35.8954, 30.8825,
48.8694

■ 52.0100, 60.2590,
53.6903

■ 33.0384, 25.8558,
48.0497

■ 57.3047, 70.1093,
55.3125

■ 30.6077, 21.6716,
47.3702

■ 63.1401, 81.0306,
57.1130

■ 28.5792, 18.2815,
46.8227

■ 66.0888, 86.1677,
57.9491

■ 26.9262, 15.6323,
46.3985

■ 66.6079, 86.4353,
57.9734

■ 25.6189, 13.6644,
46.0876

■ 67.1343, 86.7067,
57.9981

■ 24.6227, 12.3087,
45.8784

■ 67.6678, 86.9817,
58.0230

■ 23.8957, 11.4812,
45.7570

■ 68.2085, 87.2604,
58.0483

Harmonies

Analogous

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



42.1748, 43.6361, 52.7289



42.9747, 43.6361, 50.9573



43.3741, 43.6361, 48.3084

Triad

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



42.9747, 43.6361, 50.9573



41.7519, 43.6361, 42.3526



39.7409, 43.6361, 49.5340

Complementary

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



42.9747, 43.6361, 50.9573



42.2543, 46.0380, 46.7058

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.



39.6317, 43.6361, 46.7250



42.9747, 43.6361, 50.9573



40.7826, 43.6361, 42.6516

Square

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



42.9747, 43.6361, 50.9573



42.6609, 43.6361, 43.3926



40.0102, 43.6361, 44.2262



40.3109, 43.6361, 51.8848

Rectangle

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



42.9747, 43.6361, 50.9573



43.3553, 43.6361, 46.4318



40.0102, 43.6361, 44.2262



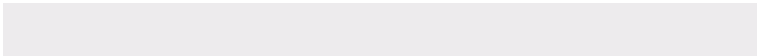
39.6495, 43.6361, 48.6094

Sweetspot

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



42.9760, 43.6380, 50.9582



79.8401, 83.3981, 92.1251



41.3444, 43.0991, 50.9402



17.6430, 18.4361, 20.3502



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.



42.9760, 43.6380, 50.9582



76.1236, 76.6155, 91.0118



42.8583, 43.6183, 49.1016



9.5239, 9.5538, 11.4215



16.4874, 7.8108, 31.8917



0.6094, 0.2899, 1.1256

Inverse Universe

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



42.4039, 43.4365, 46.7088



74.8645, 76.1726, 81.6358



42.3713, 46.0590, 48.4892



9.3550, 9.4944, 10.1623



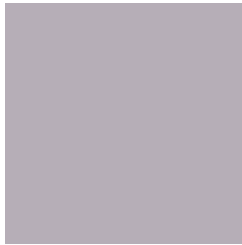
13.7268, 7.0645, 1.1823



0.4973, 0.2544, 0.1124

Previews

White Background



This preview shows how the XYZ color 42.9747, 43.6361, 50.9573 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 42.9747, 43.6361, 50.9573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

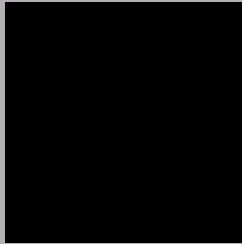
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9747, 43.6361, 50.9573

Background



This preview shows how black text looks on a background with the XYZ color 42.9747, 43.6361, 50.9573.



This preview shows how white text looks on a background with the XYZ color 42.9747, 43.6361,

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

42.9747, 43.6361, 50.9573

Protanopia

42.1132, 43.4677, 51.5179

Deuteranopia

44.4498, 43.5337, 51.4075



Tritanopia

43.4416, 43.5423, 53.1286

Trichromacy



Original Color

42.9747, 43.6361, 50.9573

Protanomaly

42.5721, 43.7043, 51.5394

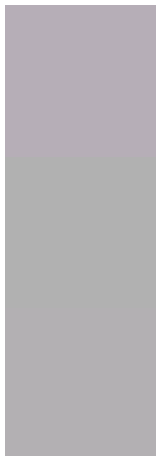
Deuteranomaly

43.8978, 43.5305, 51.4360

Tritanomaly

43.3349, 43.4996, 52.5666

Monochromacy



Original Color

42.9747, 43.6361, 50.9573

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2524, 43.8890, 48.8923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9747, 43.6361, 50.9573 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(182, 174, 183)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 183) }
```

Border

The CSS property to change the border of an element to XYZ 42.9747, 43.6361, 50.9573 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(182, 174, 183) }
```


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

```
.border{ border-color:rgb(182, 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(182, 174, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9747, 43.6361, 50.9573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 183) }
```

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

```
.background{ background-color: rgb(182,  
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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