

Converting Colors

XYZ(42.5262, 43.5183, 51.2864)

Have a look what the booklet for
XYZ(42.5262, 43.5183, 51.2864)
contains.

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Color

**XYZ(42.3782, 43.3165,
51.4748)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AEB8
RGB	179, 174, 184
RGB Percent	70%, 68%, 72%
CMY	0.2980, 0.3176, 0.2784
CMYK	0.03, 0.05, 0.00, 0.28
HSL	270°, 7%, 70%
HSV	270°, 5%, 72%
XYZ	42.3782, 43.3165, 51.4748
YIQ	176.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

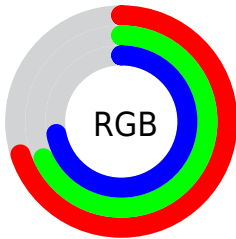
Format	Color
RYB	179, 174, 184
Decimal	11775672
CIELab	71.77, 3.66, -4.48
CIELCh	72, 5.783, 309.285
Yxy	43.3165, 0.3089, 0.3158
Android (android.graphics.Color)	4289965752 (0xFFB3AEB8)
YUV	176.6350, 3.6309, 2.0741
Hunter-Lab	65.8153, -0.2413, -0.3006

Details

The XYZ color **42.3782, 43.3165, 51.4748** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.3725, 46.9219, 46.8174**, and the grayscale version is **41.5813, 43.7468, 47.6402**.

A 20% lighter version of the original color is **78.0084, 79.9921, 93.7666**, and **19.6605, 19.9934, 24.2956** is the 20% darker color. If you saturate the color by 10%, you get **37.0081, 35.6287, 50.2746**, and if you desaturate by 10%, it is **48.3797, 52.0551, 52.8459**.

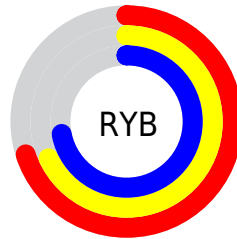
Distribution



Red (70%)

Green (68%)

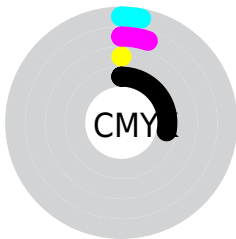
Blue (72%)



Red (70%)

Yellow (68%)

Blue (72%)

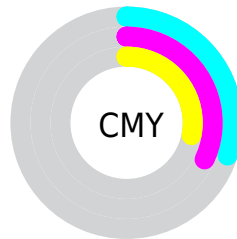


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3782, 43.3165, 51.4748 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 42.3782, 43.3165, 51.4748 by changing the saturation by 10% instead.

■ 42.3782, 43.3165,
51.4748

■ 42.3782, 43.3165,
51.4748

347.0133,
359.9118, 409.3048

■ 29.5899, 30.1335,
36.2073

■ 78.0333, 80.1883,
93.7749

■ 19.6741, 19.9400,
24.3034

101.6308,
104.6458, 121.6445

■ 12.2652, 12.3514,
15.3445

129.5621,
133.6304, 154.5520

■ 6.9981, 6.9835,
8.9122

162.1926,
167.5263, 192.9157

■ 3.5072, 3.4518,
4.5879

199.8877,
206.7180, 237.1543

■ 1.4273, 1.3719,
1.9531

243.0125,

■ 0.2756, 0.1959,

251.5899, 287.6864

0.5262

291.9327,
302.5263, 344.9303

■ 0.0000, 0.0000,
0.0000

■ 42.3782, 43.3165,
51.4748

■ 42.3782, 43.3165,
51.4748

■ 37.0081, 35.6287,
50.2746

■ 48.3797, 52.0551,
52.8459

■ 32.2432, 28.9453,
49.2357

■ 55.0302, 61.8775,
54.3913

■ 28.0610, 23.2248,
48.3520

■ 62.3509, 72.8219,
56.1179

■ 24.4359, 18.4204,
47.6157

■ 70.3613, 84.9231,
58.0315

■ 21.3404, 14.4814,
47.0185

■ 75.4678, 90.9906,
58.9335

■ 18.7442, 11.3521,
46.5513

■ 78.4149, 92.5100,
59.0714

■ 16.6135, 8.9697,
46.2038

■ 81.5191, 94.1102,
59.2167

■ 14.9097, 7.2619,
45.9640

■ 84.7826, 95.7926,
59.3694

■ 13.5856, 6.1396,
45.8171

■ 85.6519, 96.2407,
59.4101

Harmonies

Analogous

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



41.4764, 43.3165, 52.7048



42.3782, 43.3165, 51.4748



42.9625, 43.3165, 49.1030

Triad

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



42.3782, 43.3165, 51.4748



41.8425, 43.3165, 42.2850



39.3356, 43.3165, 48.0422

Complementary

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



42.3782, 43.3165, 51.4748



43.3725, 46.9219, 46.8174

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.



39.4301, 43.3165, 45.2773



42.3782, 43.3165, 51.4748



40.8671, 43.3165, 42.0263

Square

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



42.3782, 43.3165, 51.4748



42.6498, 43.3165, 43.8225



39.9870, 43.3165, 43.1014



39.7268, 43.3165, 50.6718

Rectangle

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



42.3782, 43.3165, 51.4748



43.0881, 43.3165, 47.2318



39.9870, 43.3165, 43.1014



39.3117, 43.3165, 47.0969

Sweetspot

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



42.3795, 43.3184, 51.4757



80.3911, 83.6929, 94.1219



42.2624, 44.7680, 51.7617



17.3552, 18.0781, 20.2963



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.



42.3795, 43.3184, 51.4757



75.1048, 76.0468, 92.9247



43.5163, 43.9044, 51.5290



9.1654, 9.2618, 11.3841



9.0844, 3.9944, 31.5453



0.3916, 0.1776, 1.1154

Inverse Universe

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



43.0414, 43.7191, 48.8201



76.6680, 76.9932, 86.6535



42.2748, 46.3560, 46.7660



9.3663, 9.3834, 10.5781



14.9912, 7.5703, 7.8407



0.5597, 0.2794, 0.4409

Previews

White Background



This preview shows how the XYZ color 42.3782, 43.3165, 51.4748 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 42.3782, 43.3165, 51.4748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

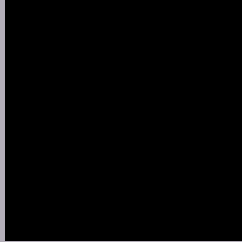
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3782, 43.3165, 51.4748

Background



This preview shows how black text looks on a background with the XYZ color 42.3782, 43.3165, 51.4748.

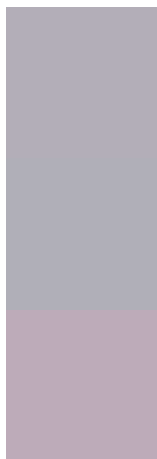


This preview shows how white text looks on a background with the XYZ color 42.3782, 43.3165,

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

42.3782, 43.3165, 51.4748

Protanopia

41.8862, 43.3507, 51.5073

Deuteranopia

44.3061, 43.4474, 51.9499



Tritanopia

42.5036, 43.0587, 53.0847

Trichromacy



Original Color

42.3782, 43.3165, 51.4748

Protanomaly

42.1132, 43.4677, 51.5179

Deuteranomaly

43.5171, 43.3221, 51.9673

Tritanomaly

42.3969, 43.0160, 52.5227

Monochromacy



Original Color

42.3782, 43.3165, 51.4748

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1237, 43.8109, 49.4162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3782, 43.3165, 51.4748 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(179, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 184)  
}
```

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(179, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.3782, 43.3165, 51.4748 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(179, 174, 184) }
```


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

```
.border{ border-color:rgb(179, 174, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3782, 43.3165, 51.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 184) }
```

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

```
.background{ background-color: rgb(179,  
174, 184) }
```

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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