

Converting Colors

XYZ(42.3304, 43.1276, 53.3626)

Have a look what the booklet for
XYZ(42.3304, 43.1276, 53.3626)
contains.

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Color

**XYZ(42.4658, 43.3249,
53.1381)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AEBB
RGB	178, 174, 187
RGB Percent	70%, 68%, 73%
CMY	0.3020, 0.3176, 0.2667
CMYK	0.05, 0.07, 0.00, 0.27
HSL	258°, 9%, 71%
HSV	258°, 7%, 73%
XYZ	42.4658, 43.3249, 53.1381
YIQ	176.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

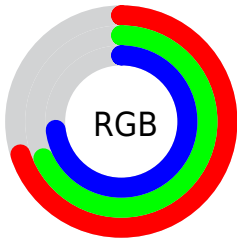
Format	Color
RYB	178, 174, 187
Decimal	11710139
CIELab	71.77, 3.90, -6.13
CIELCh	72, 7.263, 302.481
Yxy	43.3249, 0.3057, 0.3118
Android (android.graphics.Color)	4289900219 (0xFFB2AEBB)
YUV	176.6780, 5.0887, 1.1594
Hunter-Lab	65.8217, -0.0260, -1.7899

Details

The XYZ color **42.4658, 43.3249, 53.1381** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.9403, 48.6651, 47.0712**, and the grayscale version is **41.5970, 43.7633, 47.6582**.

A 20% lighter version of the original color is **78.1287, 80.0021, 96.1181**, and **19.7201, 20.0003, 25.3753** is the 20% darker color. If you saturate the color by 10%, you get **36.2698, 35.1369, 51.8849**, and if you desaturate by 10%, it is **49.4477, 52.6671, 54.5740**.

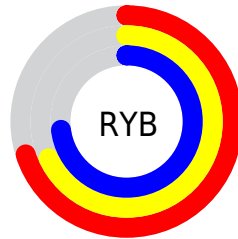
Distribution



Red (70%)

Green (68%)

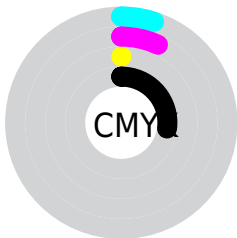
Blue (73%)



Red (70%)

Yellow (68%)

Blue (73%)

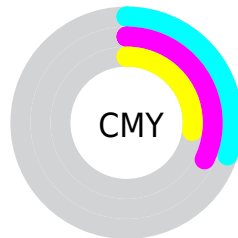


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4658, 43.3249, 53.1381 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 42.4658, 43.3249, 53.1381 by changing the saturation by 10% instead.

■ 42.4658, 43.3249,
53.1381

■ 42.4658, 43.3249,
53.1381

347.3691,
359.9462, 415.8960

■ 29.6589, 30.1401,
37.5245

■ 78.1649, 80.2009,
96.2512

■ 19.7266, 19.9450,
25.3149

101.7877,
104.6609, 124.5877

■ 12.3036, 12.3550,
16.0907

129.7466,
133.6482, 158.0024

■ 7.0244, 6.9860,
9.4333

162.4069,
167.5470, 196.9137

■ 3.5239, 3.4533,
4.9242

200.1340,
206.7418, 241.7402

■ 1.4365, 1.3727,
2.1449

243.2931,

■ 0.2820, 0.1965,

251.6170, 292.9004

0.6423

292.2497,
302.5570, 350.8128

■ 0.0000, 0.0000,
0.0000

■ 42.4658, 43.3249,
53.1381

■ 42.4658, 43.3249,
53.1381

■ 36.2698, 35.1369,
51.8849

■ 49.4477, 52.6671,
54.5740

■ 30.8276, 28.0523,
50.8042

■ 57.2387, 63.2007,
56.1966

■ 26.1103, 22.0245,
49.8894

■ 65.8656, 74.9680,
58.0132

■ 22.0857, 17.0016,
49.1320

■ 75.3528, 88.0078,
60.0301

■ 18.7188, 12.9271,
48.5230

■ 81.6039, 94.1172,
60.8799

■ 15.9716, 9.7388,
48.0524

■ 85.9698, 96.3679,
61.0842

■ 13.8017, 7.3668,
47.7089

■ 12.1607, 5.7302,
47.4795

■ 10.9848, 4.7186,
47.3462

Harmonies

Analogous

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



41.2818, 43.3249, 54.2897



42.4658, 43.3249, 53.1381



43.3183, 43.3249, 50.3817

Triad

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



42.4658, 43.3249, 53.1381



42.2845, 43.3249, 41.4026



38.8548, 43.3249, 47.4681

Complementary

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



42.4658, 43.3249, 53.1381



44.9403, 48.6651, 47.0712

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.



39.1114, 43.3249, 44.1043



42.4658, 43.3249, 53.1381



41.0764, 43.3249, 40.7079

Square

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



42.4658, 43.3249, 53.1381



43.2122, 43.3249, 43.6191



39.9185, 43.3249, 41.6727



39.2106, 43.3249, 50.9158

Rectangle

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



42.4658, 43.3249, 53.1381



43.5753, 43.3249, 48.0678



39.9185, 43.3249, 41.6727



38.8723, 43.3249, 46.2903

Sweetspot

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



42.4671, 43.3267, 53.1390



82.0274, 85.5615, 96.3931



43.3808, 46.4962, 53.7026



18.0923, 18.8801, 21.2332



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.



42.4671, 43.3267, 53.1390



74.6766, 75.7619, 94.8890



43.9702, 44.1016, 53.2094



9.2851, 9.3639, 11.9902



7.4288, 3.1158, 32.6028



0.3599, 0.1576, 1.2803

Inverse Universe

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



44.1783, 44.2577, 51.0159



78.2392, 77.7004, 90.4515



43.4522, 47.8979, 47.0015



9.8016, 9.6449, 11.3442



16.9061, 8.3936, 15.3312



0.6902, 0.3400, 0.7479

Previews

White Background



This preview shows how the XYZ color 42.4658, 43.3249, 53.1381 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 42.4658, 43.3249, 53.1381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

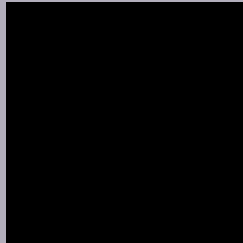
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

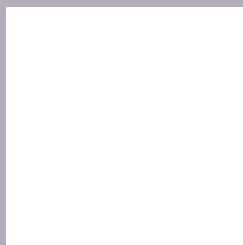
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.4658, 43.3249, 53.1381

Background



This preview shows how black text looks on a background with the XYZ color 42.4658, 43.3249, 53.1381.

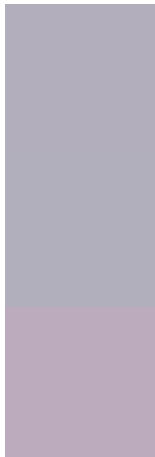


This preview shows how white text looks on a background with the XYZ color 42.4658, 43.3249,

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

42.4658, 43.3249, 53.1381

Protanopia

42.2041, 43.4779, 53.1814

Deuteranopia

44.1335, 43.3215, 53.6127



Tritanopia

42.5732, 43.3679, 53.7039

Trichromacy



Original Color

42.4658, 43.3249, 53.1381

Protanomaly

42.4311, 43.5949, 53.1920

Deuteranomaly

43.5968, 43.3262, 53.6420

Tritanomaly

42.5732, 43.3679, 53.7039

Monochromacy



Original Color

42.4658, 43.3249, 53.1381

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.9973, 43.7340, 49.9441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4658, 43.3249, 53.1381 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(178, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 187)  
}
```

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(178, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 187) }
```

Border

The CSS property to change the border of an element to XYZ 42.4658, 43.3249, 53.1381 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(178, 174, 187) }
```


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

```
.border{ border-color:rgb(178, 174, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4658, 43.3249, 53.1381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 187) }
```

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

```
.background{ background-color: rgb(178,  
174, 187) }
```

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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