

Converting Colors

XYZ(42.7860, 43.7119, 53.9747)

Have a look what the booklet for
XYZ(42.7860, 43.7119, 53.9747)
contains.

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Color

**XYZ(42.7672, 43.7558,
53.7686)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AFBC
RGB	178, 175, 188
RGB Percent	70%, 69%, 74%
CMY	0.3020, 0.3137, 0.2627
CMYK	0.05, 0.07, 0.00, 0.26
HSL	254°, 9%, 71%
HSV	254°, 7%, 74%
XYZ	42.7672, 43.7558, 53.7686
YIQ	177.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

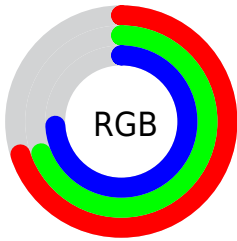
Format	Color
RYB	178, 175, 188
Decimal	11710396
CIELab	72.06, 3.55, -6.25
CIELCh	72, 7.187, 299.625
Yxy	43.7558, 0.3048, 0.3119
Android (android.graphics.Color)	4289900476 (0xFFB2AFBC)
YUV	177.3790, 5.2362, 0.5446
Hunter-Lab	66.1482, -0.3525, -1.8902

Details

The XYZ color **42.7672, 43.7558, 53.7686** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.7303, 49.3770, 47.6801**, and the grayscale version is **41.9645, 44.1499, 48.0793**.

A 20% lighter version of the original color is **78.8367, 81.1759, 97.1013**, and **19.9136, 20.2752, 25.7856** is the 20% darker color. If you saturate the color by 10%, you get **36.2144, 35.3197, 52.4863**, and if you desaturate by 10%, it is **50.1820, 53.3949, 55.2390**.

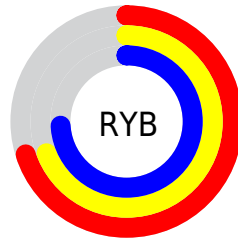
Distribution



Red (70%)

Green (69%)

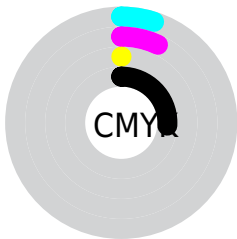
Blue (74%)



Red (70%)

Yellow (69%)

Blue (74%)

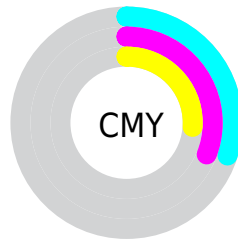


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (30%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7672, 43.7558, 53.7686 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 42.7672, 43.7558, 53.7686 by changing the saturation by 10% instead.

■ 42.7672, 43.7558,
53.7686

■ 42.7672, 43.7558,
53.7686

348.5913,
361.7108, 418.3766

■ 29.8962, 30.4786,
38.0248

■ 78.6173, 80.8502,
97.1874

■ 19.9075, 20.2021,
25.6999

102.3272,
105.4361, 125.6994

■ 12.4357, 12.5421,
16.3755

130.3808,
134.5603, 159.3046

■ 7.1154, 7.1140,
9.6331

163.1434,
168.6074, 198.4215

■ 3.5814, 3.5335,
5.0539

200.9804,
207.9615, 243.4686

■ 1.4681, 1.4162,
2.2197

244.2571,

■ 0.3040, 0.2286,

253.0072, 294.8644

0.6857

293.3390,
304.1289, 353.0276

■ 0.0000, 0.0000,
0.0000

■ 42.7672, 43.7558,
53.7686

■ 42.7672, 43.7558,
53.7686

■ 36.2144, 35.3197,
52.4863

■ 50.1820, 53.3949,
55.2390

■ 30.4880, 28.0337,
51.3818

■ 58.4849, 64.2761,
56.9017

■ 25.5557, 21.8489,
50.4480

■ 67.7059, 76.4438,
58.7643

■ 21.3812, 16.7109,
49.6763

■ 77.8721, 89.9384,
60.8332

■ 17.9256, 12.5608,
49.0573

■ 84.3780, 95.5349,
61.5705

■ 15.1464, 9.3333,
48.5808

■ 86.0772, 96.4109,
61.6500

■ 12.9962, 6.9555,
48.2352

■ 11.4209, 5.3427,
48.0069

■ 10.3507, 4.3809,
47.8777

Harmonies

Analogous

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



41.5731, 43.7558, 54.7327



42.7672, 43.7558, 53.7686



43.6600, 43.7558, 51.1459

Triad

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



42.7672, 43.7558, 53.7686



42.7945, 43.7558, 42.0413



39.2709, 43.7558, 47.5984

Complementary

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



42.7672, 43.7558, 53.7686



45.7303, 49.3770, 47.6801

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.



39.5838, 43.7558, 44.3031



42.7672, 43.7558, 53.7686



41.6040, 43.7558, 41.1929

Square

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



42.7672, 43.7558, 53.7686



43.6759, 43.7558, 44.3762



40.4318, 43.7558, 42.0006



39.5688, 43.7558, 51.0656

Rectangle

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



42.7672, 43.7558, 53.7686



43.9556, 43.7558, 48.8714



40.4318, 43.7558, 42.0006



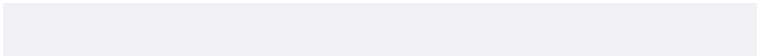
39.3080, 43.7558, 46.4347

Sweetspot

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



42.7685, 43.7577, 53.7696



83.8697, 87.5506, 98.7048



44.1451, 47.5208, 54.4234



18.0660, 18.8666, 21.2320



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.



42.7685, 43.7577, 53.7696



75.9818, 77.3264, 97.1470



44.2516, 44.5223, 53.8390



9.2169, 9.3287, 11.9870



6.9239, 2.8555, 32.5791



0.3304, 0.1424, 1.2789

Inverse Universe

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



44.8275, 44.8561, 52.1966



80.3405, 79.6520, 93.7992



44.2398, 48.6087, 47.6104



9.8333, 9.6576, 11.5110



17.6109, 8.6755, 19.0422



0.7133, 0.3492, 0.8693

Previews

White Background



This preview shows how the XYZ color 42.7672, 43.7558, 53.7686 looks on a white background.

Color Contrast Check

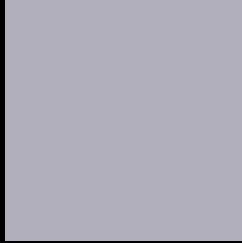
Large Text (above 18pt) WCAG AA × Fail

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 42.7672, 43.7558, 53.7686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

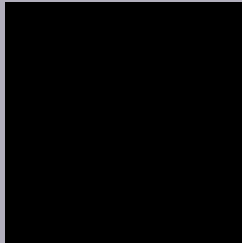
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7672, 43.7558, 53.7686

Background



This preview shows how black text looks on a background with the XYZ color 42.7672, 43.7558, 53.7686.

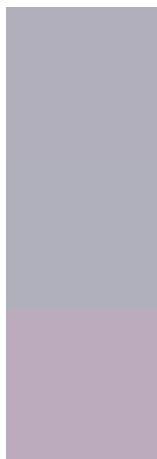


This preview shows how white text looks on a background with the XYZ color 42.7672, 43.7558,

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

42.7672, 43.7558, 53.7686

Protanopia

42.5069, 43.9116, 53.8124

Deuteranopia

44.4873, 43.4913, 54.1940



Tritanopia

42.8754, 43.7990, 54.3384

Trichromacy



Original Color

42.7672, 43.7558, 53.7686

Protanomaly

42.7339, 44.0286, 53.8230

Deuteranomaly

43.7050, 43.3695, 54.2118

Tritanomaly

42.8754, 43.7990, 54.3384

Monochromacy



Original Color

42.7672, 43.7558, 53.7686

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 42.7672, 43.7558, 53.7686 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, 175, 188)` looks like.

```
.text, #text, p{  
    color:rgb(178, 175, 188)  
}
```

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, 175, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 175, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.7672, 43.7558, 53.7686 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, 175, 188) }
```


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

```
.border{ border-color:rgb(178, 175, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 175, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 175, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 175, 188);  
box-shadow:4px 4px 4px 4px rgb(178, 175,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7672, 43.7558, 53.7686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 175, 188) }
```

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

```
.background{ background-color: rgb(178,  
175, 188) }
```

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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