

Converting Colors

XYZ(43.2478, 46.7403, 52.0898)

Have a look what the booklet for
XYZ(43.2478, 46.7403, 52.0898)
contains.

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Color

**XYZ(43.2478, 46.7403,
52.0898)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB8B8
RGB	174, 184, 184
RGB Percent	68%, 72%, 72%
CMY	0.3176, 0.2784, 0.2784
CMYK	0.05, 0.00, 0.00, 0.28
HSL	180°, 7%, 70%
HSV	180°, 5%, 72%
XYZ	43.2478, 46.7403, 52.0898
YIQ	181.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

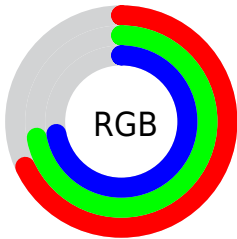
Format	Color
RYB	174, 179, 184
Decimal	11450552
CIELab	74.02, -3.46, -1.21
CIELCh	74, 3.664, 199.252
Yxy	46.7403, 0.3044, 0.3290
Android (android.graphics.Color)	4289640632 (0xFFFAEB8B8)
YUV	181.0100, 1.4741, -6.1478
Hunter-Lab	68.3669, -6.7258, 2.6828

Details

The XYZ color **43.2478, 46.7403, 52.0898** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.5449, 43.5198, 46.2044**, and the grayscale version is **43.9221, 46.2094, 50.3221**.

A 20% lighter version of the original color is **79.2014, 85.2695, 94.7224**, and **20.2391, 22.0089, 24.6542** is the 20% darker color. If you saturate the color by 10%, you get **39.4259, 44.7714, 51.9092**, and if you desaturate by 10%, it is **47.6339, 49.0027, 52.2988**.

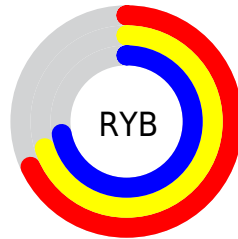
Distribution



Red (68%)

Green (72%)

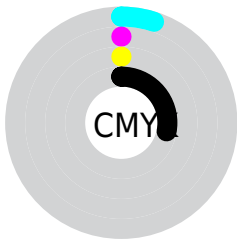
Blue (72%)



Red (68%)

Yellow (70%)

Blue (72%)

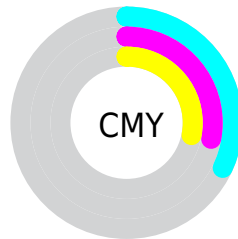


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2478, 46.7403, 52.0898 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 43.2478, 46.7403, 52.0898 by changing the saturation by 10% instead.

■ 43.2478, 46.7403,
52.0898

■ 43.2478, 46.7403,
52.0898

350.5341,
373.7770, 411.7500

■ 30.2750, 32.8304,
36.6939

■ 79.3380, 85.3258,
94.6916

■ 20.1965, 21.9966,
24.6767

103.1862,
110.7703, 122.7346

■ 12.6470, 13.8544,
15.6195

131.3901,
140.8283, 155.8304

■ 7.2613, 8.0194,
9.1039

164.3152,
175.8844, 194.3975

■ 3.6738, 4.1074,
4.7113

202.3267,
216.3229, 238.8545

■ 1.5193, 1.7338,
2.0231

245.7902,

■ 0.3389, 0.4454,

262.5283, 289.6198

0.5694

295.0709,
314.8848, 347.1122

■ 0.0000, 0.0000,
0.0000

■ 43.2478, 46.7403,
52.0898

■ 43.2478, 46.7403,
52.0898

■ 39.4259, 44.7714,
51.9092

■ 47.6339, 49.0027,
52.2988

■ 36.1416, 43.0784,
51.7527

■ 52.6017, 51.5636,
52.5340

■ 33.3720, 41.6506,
51.6203

■ 58.1727, 54.4355,
52.7975

■ 31.0910, 40.4748,
51.5108

■ 64.3662, 57.6283,
53.0901

■ 29.2702, 39.5362,
51.4229

■ 67.0358, 59.0045,
53.2178

■ 27.8784, 38.8188,
51.3550

■ 67.0364, 59.0047,
53.2206

■ 26.8805, 38.3044,
51.3055

■ 67.0369, 59.0049,
53.2233

■ 26.2357, 37.9720,
51.2726

■ 67.0374, 59.0051,
53.2261

■ 25.8936, 37.7957,
51.2538

■ 67.0380, 59.0053,
53.2289

Harmonies

Analogous

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



43.2004, 46.7403, 50.2231



43.2478, 46.7403, 52.0898



43.6089, 46.7403, 53.6716

Triad

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



43.2478, 46.7403, 52.0898



45.3854, 46.7403, 53.2811



44.6603, 46.7403, 47.4330

Complementary

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



43.2478, 46.7403, 52.0898



42.5449, 43.5198, 46.2044

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.



45.2517, 46.7403, 48.2105



43.2478, 46.7403, 52.0898



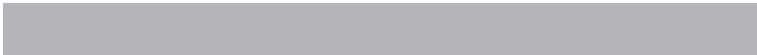
45.6731, 46.7403, 51.5673

Square

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



43.2478, 46.7403, 52.0898



44.8415, 46.7403, 54.3710



45.6239, 46.7403, 49.7132



44.0116, 46.7403, 47.5651

Rectangle

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



43.2478, 46.7403, 52.0898



43.9809, 46.7403, 54.3374



45.6239, 46.7403, 49.7132



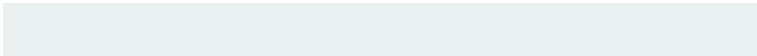
44.8725, 46.7403, 47.5959

Sweetspot

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



43.2491, 46.7423, 52.0908



80.9852, 86.0632, 94.5471



42.2746, 46.3568, 46.7649



17.4766, 18.5627, 20.3832



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.



43.2491, 46.7423, 52.0908



77.1619, 84.0923, 94.3656



42.2622, 44.7679, 51.7633



9.4299, 10.2948, 11.5691



17.7722, 26.0098, 35.3180



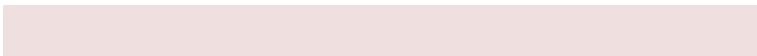
0.6265, 0.9169, 1.2452

Inverse Universe

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



42.5449, 43.5198, 46.2044



75.5092, 76.5296, 80.5514



43.4956, 45.4215, 46.5200



9.2177, 9.3240, 9.7957



13.6236, 7.0232, 0.6388



0.4803, 0.2476, 0.0227

Previews

White Background



This preview shows how the XYZ color 43.2478, 46.7403, 52.0898 looks on a white background.

Color Contrast Check

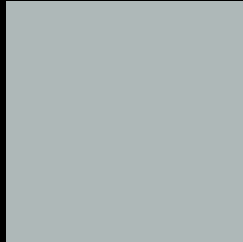
Large Text (above 18pt) WCAG AA × Fail

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 43.2478, 46.7403, 52.0898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

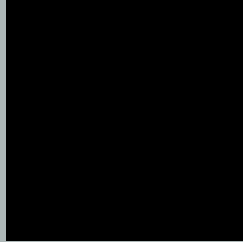
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

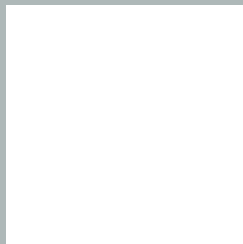
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2478, 46.7403, 52.0898

Background



This preview shows how black text looks on a background with the XYZ color 43.2478, 46.7403, 52.0898.

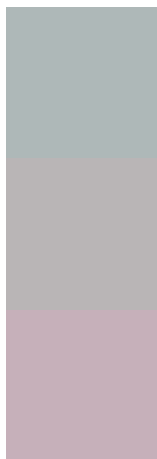


This preview shows how white text looks on a background with the XYZ color 43.2478, 46.7403,

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

43.2478, 46.7403, 52.0898

Protanopia

44.9750, 46.7394, 50.9071

Deuteranopia

47.6770, 46.6016, 52.9365



Tritanopia

44.5963, 46.6715, 58.8826

Trichromacy



Original Color

43.2478, 46.7403, 52.0898

Protanomaly

44.3312, 46.6986, 51.4770

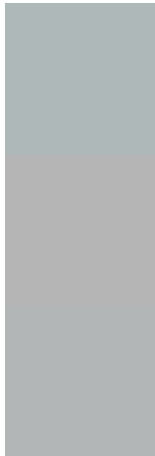
Deuteranomaly

45.8633, 46.5618, 52.4690

Tritanomaly

44.1271, 46.7867, 56.5742

Monochromacy



Original Color

43.2478, 46.7403, 52.0898

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5315, 46.2983, 50.8981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2478, 46.7403, 52.0898 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(174, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(174, 184, 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(174, 184, 184) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 43.2478, 46.7403, 52.0898 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(174, 184, 184) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 43.2478, 46.7403, 52.0898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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