

Converting Colors

XYZ(42.2466, 43.4120, 48.0606)

Have a look what the booklet for
XYZ(42.2466, 43.4120, 48.0606)
contains.

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Color

**XYZ(42.2280, 43.3102,
48.2535)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AEB2
RGB	181, 174, 178
RGB Percent	71%, 68%, 70%
CMY	0.2902, 0.3176, 0.3020
CMYK	0.00, 0.04, 0.02, 0.29
HSL	326°, 5%, 70%
HSV	326°, 4%, 71%
XYZ	42.2280, 43.3102, 48.2535
YIQ	176.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

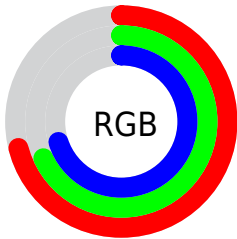
Format	Color
RYB	181, 174, 178
Decimal	11906738
CIELab	71.77, 3.23, -1.16
CIELCh	72, 3.432, 340.183
Yxy	43.3102, 0.3156, 0.3237
Android (android.graphics.Color)	4290096818 (0xFFB5AEB2)
YUV	176.5490, 0.7153, 3.9035
Hunter-Lab	65.8105, -0.6319, 2.5948

Details

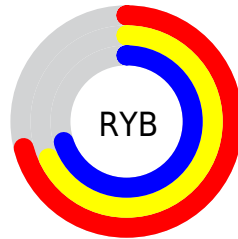
The XYZ color **42.2280, 43.3102, 48.2535** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9169, 45.2219, 48.1167**, and the grayscale version is **41.5499, 43.7137, 47.6042**.

A 20% lighter version of the original color is **77.7956, 79.9837, 89.1800**, and **19.5633, 19.9889, 22.2292** is the 20% darker color. If you saturate the color by 10%, you get **38.2072, 36.4801, 43.1772**, and if you desaturate by 10%, it is **46.7666, 51.1041, 53.7210**.

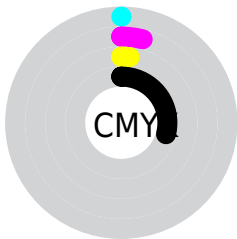
Distribution



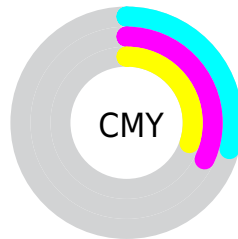
- Red (71%)
- Green (68%)
- Blue (70%)



- Red (71%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2280, 43.3102, 48.2535 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 42.2280, 43.3102, 48.2535 by changing the saturation by 10% instead.

■ 42.2280, 43.3102,
48.2535

■ 42.2280, 43.3102,
48.2535

346.4028,
359.8859, 396.3337

■ 29.4718, 30.1286,
33.6663

■ 77.8076, 80.1788,
88.9512

■ 19.5841, 19.9362,
22.3620

101.3616,
104.6345, 115.8987

■ 12.1996, 12.3487,
13.9223

129.2456,
133.6170, 147.8035

■ 6.9529, 6.9816,
7.9285

161.8250,
167.5108, 185.0839

■ 3.4787, 3.4506,
3.9621

199.4650,
206.7002, 228.1586

■ 1.4117, 1.3713,
1.6046

242.5311,

■ 0.2645, 0.1954,

251.5695, 277.4461

0.2941

291.3886,
302.5033, 333.3650

■ 0.0000, 0.0000,
0.0000

■ 42.2280, 43.3102,
48.2535

■ 42.2280, 43.3102,
48.2535

■ 38.2072, 36.4801,
43.1772

■ 46.7666, 51.1041,
53.7210

■ 34.6810, 30.5704,
38.4791

■ 51.8376, 59.8918,
59.5865

■ 31.6301, 25.5429,
34.1498

■ 57.4597, 69.7089,
65.8601

■ 29.0320, 21.3542,
30.1781

■ 63.6495, 80.5876,
72.5507

■ 26.8629, 17.9576,
26.5520

■ 67.3154, 86.3435,
78.6310

■ 25.0963, 15.3016,
23.2589

■ 68.3478, 86.7565,
84.0675

■ 23.7026, 13.3283,
20.2847

■ 69.4283, 87.1887,
89.7574

■ 22.6481, 11.9716,
17.6140

■ 70.5576, 87.6404,
95.7039

■ 21.8922, 11.1516,
15.2290

■ 71.7361, 88.1118,
101.9101

Harmonies

Analogous

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



41.8921, 43.3102, 49.6513



42.2280, 43.3102, 48.2535



42.2775, 43.3102, 46.5925

Triad

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



42.2280, 43.3102, 48.2535



40.9673, 43.3102, 44.0696



40.3151, 43.3102, 49.2581

Complementary

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



42.2280, 43.3102, 48.2535



41.9169, 45.2219, 48.1167

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.



40.0722, 43.3102, 47.7270



42.2280, 43.3102, 48.2535



40.4464, 43.3102, 44.7485

Square

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



42.2280, 43.3102, 48.2535



41.5460, 43.3102, 44.2030



40.1201, 43.3102, 46.0781



40.7864, 43.3102, 50.2407

Rectangle

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



42.2280, 43.3102, 48.2535



42.1410, 43.3102, 45.5627



40.1201, 43.3102, 46.0781



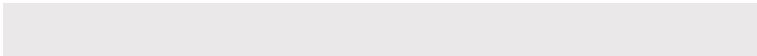
40.2042, 43.3102, 48.7890

Sweetspot

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



42.2292, 43.3121, 48.2544



77.8502, 81.3677, 89.1389



41.5907, 42.9477, 49.8144



16.8355, 17.6024, 19.2774



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.2292, 43.3121, 48.2544



74.7046, 75.9891, 85.2771



41.8906, 43.1766, 46.4713



9.0245, 9.1480, 10.2971



14.8735, 7.4669, 9.7597



0.4965, 0.2464, 0.4573

Inverse Universe

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



42.2292, 43.3121, 48.2544



74.7046, 75.9891, 85.2771



42.2615, 45.3598, 49.9316



9.0245, 9.1480, 10.2971



14.8735, 7.4669, 9.7597



0.4965, 0.2464, 0.4573

Previews

White Background



This preview shows how the XYZ color 42.2280, 43.3102, 48.2535 looks on a white background.

Color Contrast Check

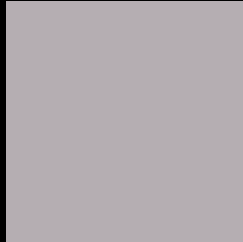
Large Text (above 18pt) WCAG AA × Fail

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 42.2280, 43.3102, 48.2535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

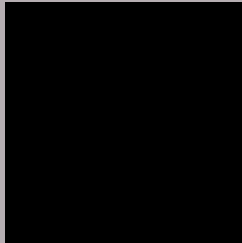
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

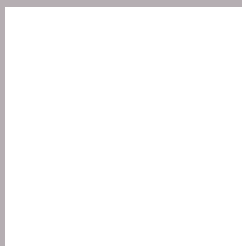
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2280, 43.3102, 48.2535

Background



This preview shows how black text looks on a background with the XYZ color 42.2280, 43.3102, 48.2535.



This preview shows how white text looks on a background with the XYZ color 42.2280, 43.3102,

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

42.2280, 43.3102, 48.2535

Protanopia

41.8268, 43.3796, 48.8164

Deuteranopia

43.9973, 43.0805, 48.6443



Tritanopia

43.0979, 43.3774, 52.5555

Trichromacy



Original Color

42.2280, 43.3102, 48.2535

Protanomaly

42.0571, 43.4983, 48.8272

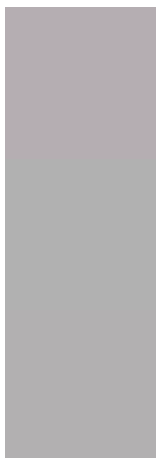
Deuteranomaly

43.1931, 42.9453, 48.6606

Tritanomaly

42.7822, 43.2511, 50.8932

Monochromacy



Original Color

42.2280, 43.3102, 48.2535

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8212, 43.6900, 47.8238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2280, 43.3102, 48.2535 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(181, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 174, 178)  
}
```

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(181, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 174, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.2280, 43.3102, 48.2535 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(181, 174, 178) }
```


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

```
.border{ border-color:rgb(181, 174, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 174, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(181, 174,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2280, 43.3102, 48.2535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 174, 178) }
```

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

```
.background{ background-color: rgb(181,  
174, 178) }
```

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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