

Converting Colors

XYZ(41.4212, 42.0435, 48.0516)

Have a look what the booklet for
XYZ(41.4212, 42.0435, 48.0516)
contains.

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Color

**XYZ(41.4212, 42.0435,
48.0516)**

Conversions

Conversions Part 1

Format	Color
Hex	B4ABB2
RGB	180, 171, 178
RGB Percent	71%, 67%, 70%
CMY	0.2941, 0.3294, 0.3020
CMYK	0.00, 0.05, 0.01, 0.29
HSL	313°, 6%, 69%
HSV	313°, 5%, 71%
XYZ	41.4212, 42.0435, 48.0516
YIQ	174.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

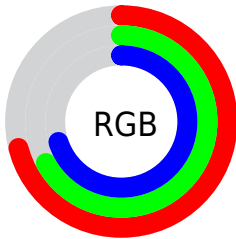
Format	Color
RYB	180, 171, 178
Decimal	11840434
CIELab	70.90, 4.51, -2.44
CIELCh	71, 5.126, 331.571
Yxy	42.0435, 0.3150, 0.3197
Android (android.graphics.Color)	4290030514 (0xFFB4ABB2)
YUV	174.4890, 1.7309, 4.8331
Hunter-Lab	64.8410, 0.5563, 1.4507

Details

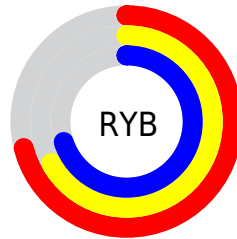
The XYZ color **41.4212, 42.0435, 48.0516** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6603, 44.3187, 45.9487**, and the grayscale version is **40.4750, 42.5828, 46.3727**.

A 20% lighter version of the original color is **76.6397, 78.1661, 88.8901**, and **19.0509, 19.1863, 22.1013** is the 20% darker color. If you saturate the color by 10%, you get **37.8546, 35.5433, 44.9098**, and if you desaturate by 10%, it is **45.4650, 49.4781, 51.4113**.

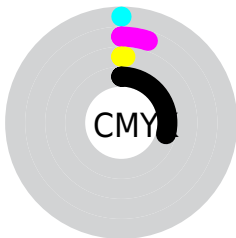
Distribution



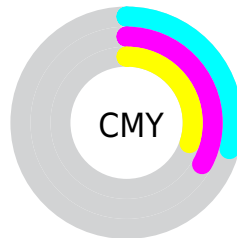
- Red (71%)
- Green (67%)
- Blue (70%)



- Red (71%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4212, 42.0435, 48.0516 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 41.4212, 42.0435, 48.0516 by changing the saturation by 10% instead.

■ 41.4212, 42.0435,
48.0516

■ 41.4212, 42.0435,
48.0516

343.1105,
354.6632, 395.5112

■ 28.8375, 29.1354,
33.5075

■ 76.5936, 78.2655,
88.6476

■ 19.1016, 19.1832,
22.2412

99.9129, 102.3481,
115.5365

■ 11.8481, 11.8028,
13.8342

127.5415,
130.9243, 147.3774

■ 6.7118, 6.6095,
7.8680

159.8447,
164.3785, 184.5889

■ 3.3273, 3.2191,
3.9241

197.1878,
203.0951, 227.5895

■ 1.3291, 1.2472,
1.5838

239.9363,

■ 0.2048, 0.0997,

247.4585, 276.7977

0.2792

288.4554,
297.8531, 332.6321

■ 0.0000, 0.0000,
0.0000

■ 41.4212, 42.0435,
48.0516

■ 41.4212, 42.0435,
48.0516

■ 37.8546, 35.5433,
44.9098

■ 45.4650, 49.4781,
51.4113

■ 34.7428, 29.9348,
41.9765

■ 49.9999, 57.8766,
54.9925

■ 32.0671, 25.1800,
39.2454

■ 55.0439, 67.2743,
58.8021

■ 29.8061, 21.2364,
36.7089

■ 60.6130, 77.7028,
62.8460

■ 27.9365, 18.0573,
34.3586

■ 64.7765, 85.3010,
66.4811

■ 26.4326, 15.5918,
32.1856

■ 65.2443, 85.4881,
68.9445

■ 25.2656, 13.7823,
30.1798

■ 65.7244, 85.6801,
71.4726

■ 24.4023, 12.5625,
28.3294

■ 66.2169, 85.8771,
74.0658

■ 23.8022, 11.8516,
26.6205

■ 66.7218, 86.0791,
76.7247

Harmonies

Analogous

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



40.8262, 42.0435, 49.8990



41.4212, 42.0435, 48.0516



41.6235, 42.0435, 45.6496

Triad

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



41.4212, 42.0435, 48.0516



39.9161, 42.0435, 41.2404



38.5796, 42.0435, 48.2824

Complementary

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



41.4212, 42.0435, 48.0516



40.6603, 44.3187, 45.9487

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.



38.3435, 42.0435, 45.9071



41.4212, 42.0435, 48.0516



39.1083, 42.0435, 41.8908

Square

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



41.4212, 42.0435, 48.0516



40.7472, 42.0435, 41.7695



38.5357, 42.0435, 43.5777



39.1852, 42.0435, 50.0355

Rectangle

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



41.4212, 42.0435, 48.0516



41.5062, 42.0435, 44.0725



38.5357, 42.0435, 43.5777



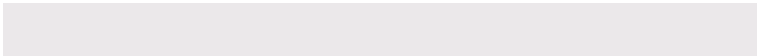
38.4548, 42.0435, 47.5274

Sweetspot

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



41.4224, 42.0453, 48.0525



77.9198, 81.3955, 89.5051



40.0254, 41.3018, 49.0431



16.8497, 17.6081, 19.3523



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.



41.4224, 42.0453, 48.0525



74.3504, 74.8522, 86.4799



40.9829, 41.8695, 45.7381



8.9930, 9.0254, 10.4705



16.4660, 8.1040, 18.1460



0.5381, 0.2630, 0.6764

Inverse Universe

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



41.4224, 42.0453, 48.0525



74.3504, 74.8522, 86.4799



41.0980, 44.4938, 48.2537



8.9930, 9.0254, 10.4705



16.4660, 8.1040, 18.1460



0.5381, 0.2630, 0.6764

Previews

White Background



This preview shows how the XYZ color 41.4212, 42.0435, 48.0516 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 41.4212, 42.0435, 48.0516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

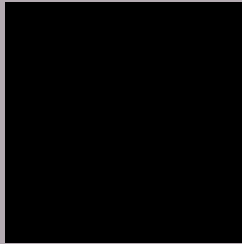
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4212, 42.0435, 48.0516

Background



This preview shows how black text looks on a background with the XYZ color 41.4212, 42.0435, 48.0516.



This preview shows how white text looks on a background with the XYZ color 41.4212, 42.0435,

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

41.4212, 42.0435, 48.0516

Protanopia

40.7594, 42.2558, 48.6558

Deuteranopia

42.8784, 41.9513, 48.4853



Tritanopia

42.0825, 42.0339, 51.2428

Trichromacy



Original Color

41.4212, 42.0435, 48.0516

Protanomaly

41.0207, 42.1068, 48.6132

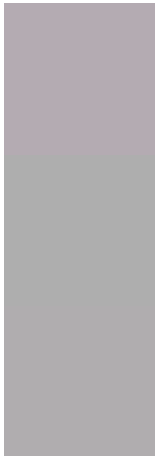
Deuteranomaly

42.3322, 41.9449, 48.5129

Tritanomaly

41.8743, 41.9506, 50.1462

Monochromacy



Original Color

41.4212, 42.0435, 48.0516

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.5859, 42.2124, 46.5661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4212, 42.0435, 48.0516 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(180, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(180, 171, 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(180, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 171, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.4212, 42.0435, 48.0516 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(180, 171, 178) }
```


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

```
.border{ border-color:rgb(180, 171, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 171, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 171, 178);  
box-shadow:4px 4px 4px 4px rgb(180, 171,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4212, 42.0435, 48.0516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 171, 178) }
```

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

```
.background{ background-color: rgb(180,  
171, 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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