

Converting Colors

XYZ(41.8695, 42.8067, 48.0557)

Have a look what the booklet for
XYZ(41.8695, 42.8067, 48.0557)
contains.

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Color

**XYZ(41.8018, 42.8048,
48.1784)**

Conversions

Conversions Part 1

Format	Color
Hex	B4ADB2
RGB	180, 173, 178
RGB Percent	71%, 68%, 70%
CMY	0.2941, 0.3216, 0.3020
CMYK	0.00, 0.04, 0.01, 0.29
HSL	317°, 4%, 69%
HSV	317°, 4%, 71%
XYZ	41.8018, 42.8048, 48.1784
YIQ	175.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

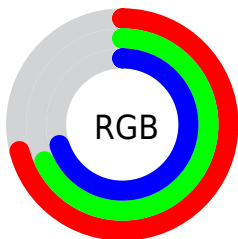
Format	Color
RYB	180, 173, 178
Decimal	11840946
CIELab	71.42, 3.42, -1.68
CIELCh	71, 3.806, 333.890
Yxy	42.8048, 0.3148, 0.3224
Android (android.graphics.Color)	4290031026 (0xFFB4ADB2)
YUV	175.6630, 1.1521, 3.8035
Hunter-Lab	65.4254, -0.4466, 2.1374

Details

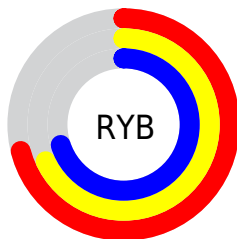
The XYZ color **41.8018, 42.8048, 48.1784** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2943, 44.6229, 46.9963**, and the grayscale version is **41.0857, 43.2253, 47.0724**.

A 20% lighter version of the original color is **77.1868, 79.2602, 89.0725**, and **19.2914, 19.6674, 22.1815** is the 20% darker color. If you saturate the color by 10%, you get **38.0736, 36.1591, 44.4350**, and if you desaturate by 10%, it is **46.0169, 50.3920, 52.1808**.

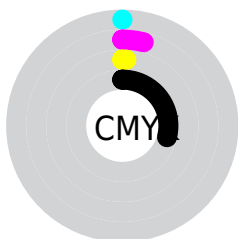
Distribution



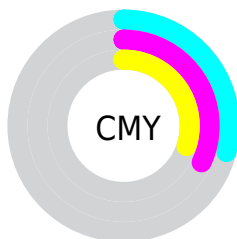
- Red (71%)
- Green (68%)
- Blue (70%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8018, 42.8048, 48.1784 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 41.8018, 42.8048, 48.1784 by changing the saturation by 10% instead.

■ 41.8018, 42.8048,
48.1784

■ 41.8018, 42.8048,
48.1784

344.6663,
357.8084, 396.0279

■ 29.1366, 29.7320,
33.6072

■ 77.1666, 79.4162,
88.8383

■ 19.3290, 19.6352,
22.3171

100.5969,
103.7236, 115.7640

■ 12.0136, 12.1302,
13.8895

128.3462,
132.5446, 147.6450

■ 6.8252, 6.8324,
7.9060

160.7800,
166.2637, 184.8998

■ 3.3984, 3.3575,
3.9479

198.2635,
205.2653, 227.9470

■ 1.3678, 1.3211,
1.5968

241.1622,

■ 0.2331, 0.1575,

249.9336, 277.2050

0.2886

289.8413,
300.6532, 333.0925

■ 0.0000, 0.0000,
0.0000

■ 41.8018, 42.8048,
48.1784

■ 41.8018, 42.8048,
48.1784

■ 38.0736, 36.1591,
44.4350

■ 46.0169, 50.3920,
52.1808

■ 34.8099, 30.4123,
40.9404

■ 50.7327, 58.9500,
56.4462

■ 31.9920, 25.5269,
37.6880

■ 55.9673, 68.5139,
60.9821

■ 29.5985, 21.4603,
34.6695

■ 61.7367, 79.1152,
65.7949

■ 27.6063, 18.1666,
31.8761

■ 65.4488, 85.5699,
70.0216

■ 25.9899, 15.5952,
29.2983

■ 66.0752, 85.8205,
73.3202

■ 24.7208, 13.6893,
26.9253

■ 66.7222, 86.0792,
76.7271

■ 23.7661, 12.3839,
24.7452

■ 67.3899, 86.3463,
80.2434

■ 23.0865, 11.6005,
22.7435

■ 68.0786, 86.6218,
83.8700

Harmonies

Analogous

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



41.3760, 42.8048, 49.6000



41.8018, 42.8048, 48.1784



41.9271, 42.8048, 46.3680

Triad

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



41.8018, 42.8048, 48.1784



40.6011, 42.8048, 43.1725



39.6698, 42.8048, 48.6038

Complementary

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



41.8018, 42.8048, 48.1784



41.2943, 44.6229, 46.9963

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.



39.4670, 42.8048, 46.8471



41.8018, 42.8048, 48.1784



40.0011, 42.8048, 43.7372

Square

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



41.8018, 42.8048, 48.1784



41.2297, 42.8048, 43.5080



39.5876, 42.8048, 45.0704



40.1445, 42.8048, 49.8501

Rectangle

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



41.8018, 42.8048, 48.1784



41.8224, 42.8048, 45.1918



39.5876, 42.8048, 45.0704



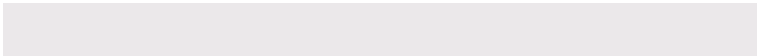
39.5678, 42.8048, 48.0517

Sweetspot

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



41.8030, 42.8066, 48.1793



77.8983, 81.3869, 89.3923



40.8590, 42.2966, 49.1911



16.8453, 17.6063, 19.3293



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.



41.8030, 42.8066, 48.1793



74.9407, 76.0836, 86.5203



41.4578, 42.6686, 46.3617



9.0559, 9.1605, 10.4626



15.9117, 7.8822, 15.2266



0.5243, 0.2575, 0.6034

Inverse Universe

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



41.8030, 42.8066, 48.1793



74.9407, 76.0836, 86.5203



41.6407, 44.7615, 48.8204



9.0559, 9.1605, 10.4626



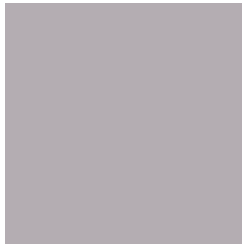
15.9117, 7.8822, 15.2266



0.5243, 0.2575, 0.6034

Previews

White Background



This preview shows how the XYZ color 41.8018, 42.8048, 48.1784 looks on a white background.

Color Contrast Check

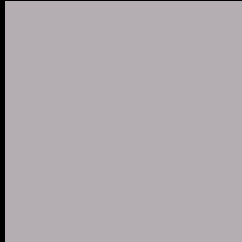
Large Text (above 18pt) WCAG AA × Fail

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 41.8018, 42.8048, 48.1784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

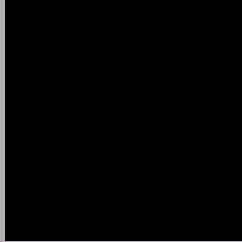
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8018, 42.8048, 48.1784

Background



This preview shows how black text looks on a background with the XYZ color 41.8018, 42.8048, 48.1784.



This preview shows how white text looks on a background with the XYZ color 41.8018, 42.8048,

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

41.8018, 42.8048, 48.1784

Protanopia

41.4042, 42.8739, 48.7411

Deuteranopia

43.5599, 42.5778, 48.5703



Tritanopia

42.5655, 42.8316, 51.9228

Trichromacy



Original Color

41.8018, 42.8048, 48.1784

Protanomaly

41.6328, 42.9918, 48.7518

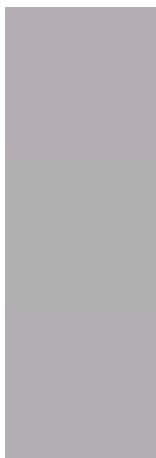
Deuteranomaly

42.7611, 42.4432, 48.5864

Tritanomaly

42.2521, 42.7062, 50.2722

Monochromacy



Original Color

41.8018, 42.8048, 48.1784

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.3972, 43.1814, 47.7479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8018, 42.8048, 48.1784 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, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(180, 173, 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, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 173, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.8018, 42.8048, 48.1784 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, 173, 178) }
```


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

```
.border{ border-color:rgb(180, 173, 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, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 173, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 173, 178);  
box-shadow:4px 4px 4px 4px rgb(180, 173,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8018, 42.8048, 48.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 173, 178) }
```

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

```
.background{ background-color: rgb(180,  
173, 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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