

Converting Colors

XYZ(41.7280, 42.4020, 47.8736)

Have a look what the booklet for
XYZ(41.7280, 42.4020, 47.8736)
contains.

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Color

**XYZ(41.8445, 42.5432,
48.1257)**

Conversions

Conversions Part 1

Format	Color
Hex	B5ACB2
RGB	181, 172, 178
RGB Percent	71%, 67%, 70%
CMY	0.2902, 0.3255, 0.3020
CMYK	0.00, 0.05, 0.02, 0.29
HSL	320°, 6%, 69%
HSV	320°, 5%, 71%
XYZ	41.8445, 42.5432, 48.1257
YIQ	175.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

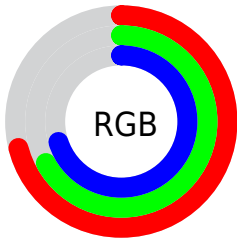
Format	Color
RYB	181, 172, 178
Decimal	11906226
CIELab	71.24, 4.32, -1.93
CIELCh	71, 4.727, 335.940
Yxy	42.5432, 0.3158, 0.3210
Android (android.graphics.Color)	4290096306 (0xFFB5ACB2)
YUV	175.3750, 1.2941, 4.9331
Hunter-Lab	65.2251, 0.3708, 1.9111

Details

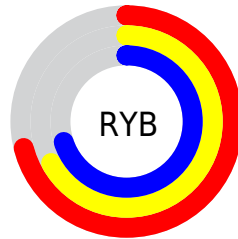
The XYZ color **41.8445, 42.5432, 48.1257** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2767, 44.9147, 47.0536**, and the grayscale version is **40.9351, 43.0670, 46.8999**.

A 20% lighter version of the original color is **77.2454, 78.8832, 88.9966**, and **19.3202, 19.5028, 22.1482** is the 20% darker color. If you saturate the color by 10%, you get **38.0393, 35.8808, 43.9332**, and if you desaturate by 10%, it is **46.1480, 50.1584, 52.6169**.

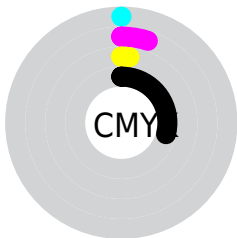
Distribution



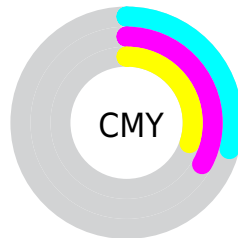
- Red (71%)
- Green (67%)
- Blue (70%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8445, 42.5432, 48.1257 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 41.8445, 42.5432, 48.1257 by changing the saturation by 10% instead.

■ 41.8445, 42.5432,
48.1257

■ 41.8445, 42.5432,
48.1257

344.8405,
356.7298, 395.8132

■ 29.1701, 29.5269,
33.5657

■ 77.2309, 79.0211,
88.7590

■ 19.3545, 19.4797,
22.2855

100.6736,
103.2514, 115.6695

■ 12.0322, 12.0174,
13.8665

128.4364,
131.9885, 147.5338

■ 6.8380, 6.7556,
7.8902

160.8848,
165.6168, 184.7707

■ 3.4064, 3.3097,
3.9380

198.3841,
204.5207, 227.7985

■ 1.3721, 1.2955,
1.5914

241.2995,

■ 0.2363, 0.1377,

249.0846, 277.0358

0.2847

289.9966,
299.6928, 332.9012

■ 0.0000, 0.0000,
0.0000

■ 41.8445, 42.5432,
48.1257

■ 41.8445, 42.5432,
48.1257

■ 38.0393, 35.8808,
43.9332

■ 46.1480, 50.1584,
52.6169

■ 34.7095, 30.1277,
40.0286

■ 50.9643, 58.7564,
57.4117

■ 31.8359, 25.2455,
36.4043

■ 56.3118, 68.3730,
62.5184

■ 29.3966, 21.1908,
33.0511

■ 62.2067, 79.0403,
67.9439

■ 27.3677, 17.9165,
29.9595

■ 66.2236, 85.9068,
72.8814

■ 25.7229, 15.3704,
27.1188

■ 66.9814, 86.2099,
76.8721

■ 24.4327, 13.4945,
24.5173

■ 67.7678, 86.5245,
81.0132

■ 23.4632, 12.2212,
22.1418

■ 68.5831, 86.8506,
85.3064

■ 22.7731, 11.4687,
19.9766

■ 69.4275, 87.1884,
89.7533

Harmonies

Analogous

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



41.3377, 42.5432, 49.9489



41.8445, 42.5432, 48.1257



41.9718, 42.5432, 45.8718

Triad

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



41.8445, 42.5432, 48.1257



40.2784, 42.5432, 42.1129



39.2139, 42.5432, 48.9332

Complementary

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



41.8445, 42.5432, 48.1257



41.2767, 44.9147, 47.0536

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.



38.9382, 42.5432, 46.7757



41.8445, 42.5432, 48.1257



39.5476, 42.5432, 42.8757

Square

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



41.8445, 42.5432, 48.1257



41.0609, 42.5432, 42.4479



39.0595, 42.5432, 44.5645



39.8175, 42.5432, 50.4256

Rectangle

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



41.8445, 42.5432, 48.1257



41.8229, 42.5432, 44.4381



39.0595, 42.5432, 44.5645



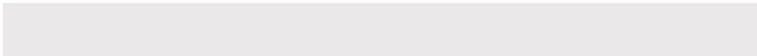
39.0802, 42.5432, 48.2590

Sweetspot

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



41.8457, 42.5450, 48.1266



77.8823, 81.3805, 89.3078



40.7739, 41.9573, 49.6663



16.8421, 17.6050, 19.3120



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.



41.8457, 42.5450, 48.1266



74.1297, 74.7640, 85.3178



41.4014, 42.3673, 45.7869



8.9644, 9.0140, 10.3200



15.5342, 7.7312, 13.2391



0.5145, 0.2535, 0.5520

Inverse Universe

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



41.8457, 42.5450, 48.1266



74.1297, 74.7640, 85.3178



41.7259, 45.0944, 49.4193



8.9644, 9.0140, 10.3200



15.5342, 7.7312, 13.2391



0.5145, 0.2535, 0.5520

Previews

White Background



This preview shows how the XYZ color 41.8445, 42.5432, 48.1257 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 41.8445, 42.5432, 48.1257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

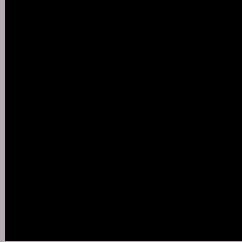
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8445, 42.5432, 48.1257

Background



This preview shows how black text looks on a background with the XYZ color 41.8445, 42.5432, 48.1257.



This preview shows how white text looks on a background with the XYZ color 41.8445, 42.5432,

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

41.8445, 42.5432, 48.1257

Protanopia

40.9847, 42.3719, 48.6663

Deuteranopia

43.3109, 42.4494, 48.5587



Tritanopia

42.5060, 42.5316, 51.3165

Trichromacy



Original Color

41.8445, 42.5432, 48.1257

Protanomaly

41.4404, 42.6068, 48.6876

Deuteranomaly

42.7611, 42.4432, 48.5864

Tritanomaly

42.2978, 42.4483, 50.2200

Monochromacy



Original Color

41.8445, 42.5432, 48.1257

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1040, 42.7538, 47.1602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8445, 42.5432, 48.1257 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, 172, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 172, 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, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 172, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.8445, 42.5432, 48.1257 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, 172, 178) }
```


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

```
.border{ border-color:rgb(181, 172, 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, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(181, 172,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8445, 42.5432, 48.1257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 172, 178) }
```

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

```
.background{ background-color: rgb(181,  
172, 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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