

Converting Colors

XYZ(41.5511, 42.1664, 45.3496)

Have a look what the booklet for
XYZ(41.5511, 42.1664, 45.3496)
contains.

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Color

**XYZ(41.6342, 42.2102,
45.4882)**

Conversions

Conversions Part 1

Format	Color
Hex	B7ABAD
RGB	183, 171, 173
RGB Percent	72%, 67%, 68%
CMY	0.2823, 0.3294, 0.3216
CMYK	0.00, 0.07, 0.05, 0.28
HSL	350°, 8%, 69%
HSV	350°, 7%, 72%
XYZ	41.6342, 42.2102, 45.4882
YIQ	174.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

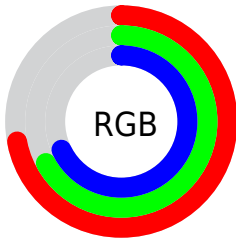
Format	Color
RYB	183, 171, 173
Decimal	12037037
CIELab	71.02, 4.66, 0.51
CIELCh	71, 4.690, 6.302
Yxy	42.2102, 0.3219, 0.3264
Android (android.graphics.Color)	4290227117 (0xFFB7ABAD)
YUV	174.8160, -0.8953, 7.1774
Hunter-Lab	64.9694, 0.6914, 3.9668

Details

The XYZ color **41.6342, 42.2102, 45.4882** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0702, 45.8623, 50.3533**, and the grayscale version is **40.6555, 42.7728, 46.5796**.

A 20% lighter version of the original color is **76.7966, 78.3449, 84.4732**, and **19.2539, 19.3200, 20.8035** is the 20% darker color. If you saturate the color by 10%, you get **37.0214, 35.2131, 37.0794**, and if you desaturate by 10%, it is **46.8965, 50.2356, 54.9460**.

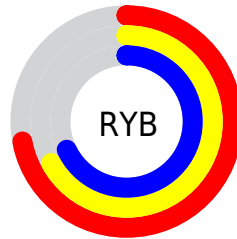
Distribution



Red (72%)

Green (67%)

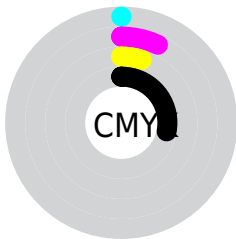
Blue (68%)



Red (72%)

Yellow (67%)

Blue (68%)

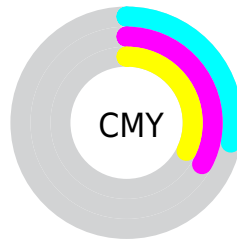


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6342, 42.2102, 45.4882 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 41.6342, 42.2102, 45.4882 by changing the saturation by 10% instead.

■ 41.6342, 42.2102,
45.4882

■ 41.6342, 42.2102,
45.4882

343.9818,
355.3536, 384.9648

■ 29.0048, 29.2659,
31.4964

■ 76.9143, 78.5177,
84.7787

■ 19.2288, 19.2821,
20.7155

100.2958,
102.6496, 110.9145

■ 11.9407, 11.8743,
12.7270

127.9920,
131.2796, 141.9354

■ 6.7752, 6.6581,
7.1123

160.3684,
164.7920, 178.2599

■ 3.3670, 3.2492,
3.4529

197.7902,
203.5712, 220.3065

■ 1.3507, 1.2632,
1.3303

240.6227,

■ 0.2207, 0.1124,

248.0016, 268.4939

0.0864

289.2315,
298.4676, 323.2405

■ 0.0000, 0.0000,
0.0000

■ 41.6342, 42.2102,
45.4882

■ 41.6342, 42.2102,
45.4882

■ 37.0214, 35.2131,
37.0794

■ 46.8965, 50.2356,
54.9460

■ 33.0294, 29.1974,
29.6806

■ 52.8286, 59.3227,
65.4846

■ 29.6325, 24.1207,
23.2545

■ 59.4542, 69.5103,
77.1377

■ 26.8019, 19.9356,
17.7603

■ 66.7948, 80.8336,
89.9367

■ 24.5063, 16.5904,
13.1544

■ 72.4299, 88.4439,
103.0982

■ 22.7115, 14.0280,
9.3894

■ 73.3387, 88.8074,
107.8839

■ 21.3791, 12.1842,
6.4139

■ 20.4648, 10.9846,
4.1701

■ 19.9113, 10.3299,
2.5908

Harmonies

Analogous

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



41.5135, 42.2102, 47.7140



41.6342, 42.2102, 45.4882



41.3448, 42.2102, 43.4547

Triad

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



41.6342, 42.2102, 45.4882



39.2350, 42.2102, 42.5727



39.5176, 42.2102, 50.0208

Complementary

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



41.6342, 42.2102, 45.4882



42.0702, 45.8623, 50.3533

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.



38.9187, 42.2102, 48.5592



41.6342, 42.2102, 45.4882



38.7571, 42.2102, 44.2490

Square

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



41.6342, 42.2102, 45.4882



39.9545, 42.2102, 41.8071



38.6420, 42.2102, 46.4345



40.2850, 42.2102, 50.3787

Rectangle

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



41.6342, 42.2102, 45.4882



40.9604, 42.2102, 42.4660



38.6420, 42.2102, 46.4345



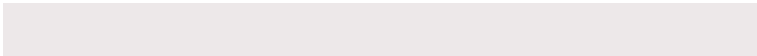
39.2903, 42.2102, 49.6400

Sweetspot

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



41.6354, 42.2120, 45.4891



78.6826, 81.8674, 88.8930



42.1675, 42.3703, 50.7562



17.4004, 18.1152, 19.6730



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.



41.6354, 42.2120, 45.4891



73.1887, 73.5039, 78.9718



42.2104, 43.6691, 44.7345



9.0640, 9.0360, 9.6843



13.8086, 7.0972, 1.6131



0.5058, 0.2578, 0.1572

Inverse Universe

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



41.6354, 42.2120, 45.4891



73.1887, 73.5039, 78.9718



41.4634, 44.3185, 51.1694



9.0640, 9.0360, 9.6843



13.8086, 7.0972, 1.6131



0.5058, 0.2578, 0.1572

Previews

White Background



This preview shows how the XYZ color 41.6342, 42.2102, 45.4882 looks on a white background.

Color Contrast Check

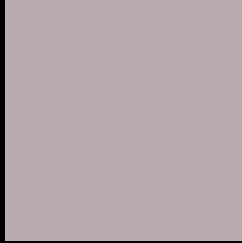
Large Text (above 18pt) WCAG AA × Fail

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 41.6342, 42.2102, 45.4882 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

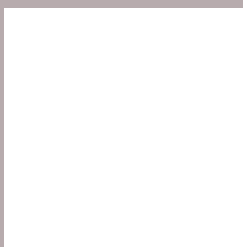
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6342, 42.2102, 45.4882

Background



This preview shows how black text looks on a background with the XYZ color 41.6342, 42.2102, 45.4882.



This preview shows how white text looks on a background with the XYZ color 41.6342, 42.2102,

45.4882.

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

41.6342, 42.2102, 45.4882

Protanopia

40.7150, 42.2902, 46.0613

Deuteranopia

43.1285, 42.1376, 45.9047



Tritanopia

42.5024, 41.9852, 50.6636

Trichromacy



Original Color

41.6342, 42.2102, 45.4882

Protanomaly

40.9829, 42.1447, 46.0191

Deuteranomaly

42.5670, 42.1233, 45.9315

Tritanomaly

42.2786, 42.1945, 48.5639

Monochromacy



Original Color

41.6342, 42.2102, 45.4882

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1361, 42.7931, 46.1362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6342, 42.2102, 45.4882 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(183, 171, 173)` looks like.

```
.text, #text, p{  
    color:rgb(183, 171, 173)  
}
```

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(183, 171, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 171, 173) }
```

Border

The CSS property to change the border of an element to XYZ 41.6342, 42.2102, 45.4882 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(183, 171, 173) }
```


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

```
.border{ border-color:rgb(183, 171, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 171, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 171, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 171, 173);  
box-shadow:4px 4px 4px 4px rgb(183, 171,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6342, 42.2102, 45.4882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 171, 173) }
```

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

```
.background{ background-color: rgb(183,  
171, 173) }
```

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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