

Converting Colors

XYZ(41.4355, 42.2045, 44.5080)

Have a look what the booklet for
XYZ(41.4355, 42.2045, 44.5080)
contains.

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Color

**XYZ(41.4420, 42.1334,
44.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	B7ABAB
RGB	183, 171, 171
RGB Percent	72%, 67%, 67%
CMY	0.2824, 0.3294, 0.3294
CMYK	0.00, 0.07, 0.07, 0.28
HSL	0°, 8%, 69%
HSV	0°, 7%, 72%
XYZ	41.4420, 42.1334, 44.4764
YIQ	174.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

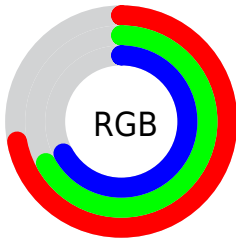
Format	Color
RYB	183, 171, 171
Decimal	12037035
CIELab	70.96, 4.30, 1.54
CIELCh	71, 4.572, 19.694
Yxy	42.1334, 0.3236, 0.3290
Android (android.graphics.Color)	4290227115 (0xFFB7ABAB)
YUV	174.5880, -1.7689, 7.3773
Hunter-Lab	64.9102, 0.3705, 4.8118

Details

The XYZ color **41.4420, 42.1334, 44.4764** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2751, 45.9429, 51.4398**, and the grayscale version is **40.5420, 42.6533, 46.4495**.

A 20% lighter version of the original color is **76.5204, 78.2344, 83.0192**, and **19.1325, 19.2714, 20.1641** is the 20% darker color. If you saturate the color by 10%, you get **36.5975, 35.0450, 34.8432**, and if you desaturate by 10%, it is **47.0087, 50.2788, 55.5429**.

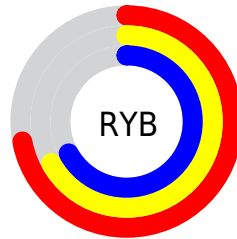
Distribution



Red (72%)

Green (67%)

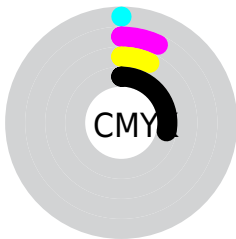
Blue (67%)



Red (72%)

Yellow (67%)

Blue (67%)

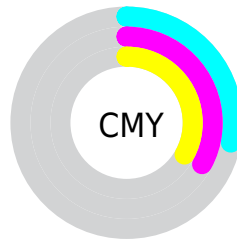


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4420, 42.1334, 44.4764 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 41.4420, 42.1334, 44.4764 by changing the saturation by 10% instead.

■ 41.4420, 42.1334,
44.4764

■ 41.4420, 42.1334,
44.4764

343.1957,
355.0356, 380.7469

■ 28.8538, 29.2058,
30.7053

■ 76.6249, 78.4015,
83.2442

■ 19.1140, 19.2365,
20.1179

99.9503, 102.5107,
109.0780

■ 11.8572, 11.8413,
12.2959

127.5855,
131.1159, 139.7698

■ 6.7180, 6.6357,
6.8205

159.8958,
164.6015, 175.7380

■ 3.3311, 3.2353,
3.2734

197.2467,
203.3519, 217.4013

■ 1.3312, 1.2558,
1.2359

240.0033,

■ 0.2064, 0.1066,

247.7515, 265.1782

0.0083

288.5312,
298.1846, 319.4872

0.0000, 0.0000,
0.0000

41.4420, 42.1334,
44.4764

41.4420, 42.1334,
44.4764

36.5975, 35.0450,
34.8432

47.0087, 50.2788,
55.5429

32.4423, 28.9649,
26.5821

53.3219, 59.5161,
68.0951

28.9461, 23.8491,
19.6315

60.4088, 69.8855,
82.1860

26.0751, 19.6481,
13.9242

68.2945, 81.4236,
97.8653

23.7926, 16.3079,
9.3868

73.3386, 88.8074,
107.8839

■ 22.0577, 13.7691,
5.9384

■ 20.8245, 11.9645,
3.4878

■ 20.0399, 10.8160,
1.9288

■ 19.6321, 10.2190,
1.1187

Harmonies

Analogous

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



41.5055, 42.1334, 46.6310



41.4420, 42.1334, 44.4764



41.0019, 42.1334, 42.7497

Triad

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



41.4420, 42.1334, 44.4764



38.9395, 42.1334, 43.2148



39.7850, 42.1334, 50.1299

Complementary

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



41.4420, 42.1334, 44.4764



42.2751, 45.9429, 51.4398

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.



39.1062, 42.1334, 49.1513



41.4420, 42.1334, 44.4764



38.6221, 42.1334, 45.1294

Square

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



41.4420, 42.1334, 44.4764



39.5548, 42.1334, 42.0375



38.6827, 42.1334, 47.3049



40.5424, 42.1334, 49.9416

Rectangle

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



41.4420, 42.1334, 44.4764



40.5572, 42.1334, 42.0519



38.6827, 42.1334, 47.3049



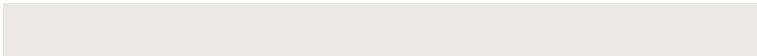
39.5402, 42.1334, 49.9254

Sweetspot

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



41.4432, 42.1352, 44.4773



78.5702, 81.8231, 88.2997



42.6391, 42.6126, 50.7779



17.3768, 18.1060, 19.5485



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.



41.4432, 42.1352, 44.4773



72.7723, 73.3396, 76.7723



42.6017, 44.4523, 44.8635



9.0048, 9.0126, 9.3719



13.6239, 7.0241, 0.6377



0.4803, 0.2478, 0.0225

Inverse Universe

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



42.2751, 45.9429, 51.4398



74.6008, 81.7083, 92.0751



41.0645, 43.5216, 51.0363



9.2665, 10.2102, 11.5618



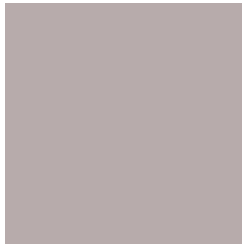
17.7685, 25.9966, 35.3344



0.6265, 0.9166, 1.2456

Previews

White Background



This preview shows how the XYZ color 41.4420, 42.1334, 44.4764 looks on a white background.

Color Contrast Check

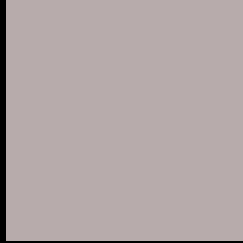
Large Text (above 18pt) WCAG AA × Fail

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 41.4420, 42.1334, 44.4764 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 41.4420, 42.1334, 44.4764

Background



This preview shows how black text looks on a background with the XYZ color 41.4420, 42.1334, 44.4764.



This preview shows how white text looks on a background with the XYZ color 41.4420, 42.1334,

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

41.4420, 42.1334, 44.4764

Protanopia

40.5214, 42.2128, 45.0419

Deuteranopia

42.9349, 42.0602, 44.8852



Tritanopia

42.7428, 42.1091, 50.6748

Trichromacy



Original Color

41.4420, 42.1334, 44.4764

Protanomaly

40.7893, 42.0673, 44.9997

Deuteranomaly

42.3734, 42.0459, 44.9121

Tritanomaly

42.2786, 42.1945, 48.5639

Monochromacy



Original Color

41.4420, 42.1334, 44.4764

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 41.4420, 42.1334, 44.4764 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, 171)` looks like.

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

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, 171) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 41.4420, 42.1334, 44.4764 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, 171) }
```


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

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

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, 171)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 41.4420, 42.1334, 44.4764 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, 171) }
```

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

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

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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