

Converting Colors

XYZ(42.6646, 44.0315, 46.0778)

Have a look what the booklet for
XYZ(42.6646, 44.0315, 46.0778)
contains.

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Color

**XYZ(42.6938, 44.1739,
46.3206)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B0AE
RGB	183, 176, 174
RGB Percent	72%, 69%, 68%
CMY	0.2823, 0.3098, 0.3176
CMYK	0.00, 0.04, 0.05, 0.28
HSL	13°, 6%, 70%
HSV	13°, 5%, 72%
XYZ	42.6938, 44.1739, 46.3206
YIQ	177.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

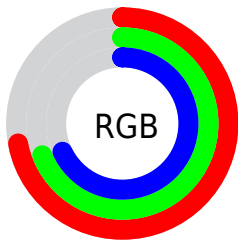
Format	Color
RYB	183, 177, 174
Decimal	12038318
CIELab	72.34, 2.13, 1.90
CIELCh	72, 2.853, 41.756
Yxy	44.1739, 0.3206, 0.3317
Android (android.graphics.Color)	4290228398 (0xFFB7B0AE)
YUV	177.8650, -1.9054, 4.5034
Hunter-Lab	66.4634, -1.6489, 5.2032

Details

The XYZ color **42.6938, 44.1739, 46.3206** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5268, 45.4649, 51.3347**, and the grayscale version is **42.2545, 44.4551, 48.4116**.

A 20% lighter version of the original color is **78.5961, 81.7211, 85.7600**, and **19.9264, 20.5663, 21.3318** is the 20% darker color. If you saturate the color by 10%, you get **38.3853, 38.2197, 36.6740**, and if you desaturate by 10%, it is **47.5403, 50.8140, 57.3469**.

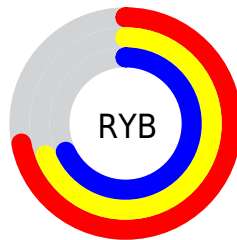
Distribution



Red (72%)

Green (69%)

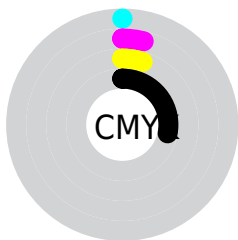
Blue (68%)



Red (72%)

Yellow (69%)

Blue (68%)

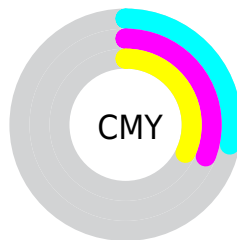


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6938, 44.1739, 46.3206 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 42.6938, 44.1739, 46.3206 by changing the saturation by 10% instead.

■ 42.6938, 44.1739,
46.3206

■ 42.6938, 44.1739,
46.3206

348.2939,
363.4174, 388.4110

■ 29.8384, 30.8072,
32.1484

■ 78.5072, 81.4794,
86.0379

■ 19.8634, 20.4521,
21.2091

102.1959,
106.1869, 112.4201

■ 12.4035, 12.7241,
13.0842

130.2264,
135.4436, 143.7094

■ 7.0933, 7.2388,
7.3552

162.9642,
169.6338, 180.3243

■ 3.5673, 3.6119,
3.6034

200.7744,
209.1419, 222.6834

■ 1.4604, 1.4589,
1.4104

244.0225,

■ 0.2987, 0.2596,

254.3523, 271.2052

0.1498

293.0739,
305.6493, 326.3082

■ 0.0000, 0.0000,
0.0000

■ 42.6938, 44.1739,
46.3206

■ 42.6938, 44.1739,
46.3206

■ 38.3853, 38.2197,
36.6740

■ 47.5403, 50.8140,
57.3469

■ 34.5923, 32.9238,
28.3497

■ 52.9389, 58.1550,
69.8013

■ 31.2963, 28.2651,
21.2907

■ 58.9077, 66.2188,
83.7335

■ 28.4760, 24.2193,
15.4347

■ 65.4630, 75.0245,
99.1900

■ 26.1089, 20.7604,
10.7139

■ 70.8828, 83.8956,
107.0653

■ 24.1702, 17.8606,
7.0540

■ 73.3388, 88.8075,
107.8839

■ 22.6329, 15.4898,
4.3714

■ 21.4663, 13.6148,
2.5702

■ 20.6349, 12.1982,
1.5340

Harmonies

Analogous

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



42.9165, 44.1739, 47.5494



42.6938, 44.1739, 46.3206



42.2821, 44.1739, 45.5768

Triad

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



42.6938, 44.1739, 46.3206



41.0962, 44.1739, 47.2568



42.1785, 44.1739, 50.7923

Complementary

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



42.6938, 44.1739, 46.3206



42.5268, 45.4649, 51.3347

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.



41.6913, 44.1739, 50.7102



42.6938, 44.1739, 46.3206



41.0689, 44.1739, 48.6505

Square

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



42.6938, 44.1739, 46.3206



41.3607, 44.1739, 46.1100



41.2860, 44.1739, 49.9200



42.6175, 44.1739, 50.1421

Rectangle

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



42.6938, 44.1739, 46.3206



41.9571, 44.1739, 45.4471



41.2860, 44.1739, 49.9200



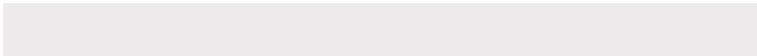
42.0149, 44.1739, 50.8498

Sweetspot

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



42.6950, 44.1758, 46.3216



79.7347, 83.6079, 90.3651



43.0108, 43.6783, 49.9076



17.6209, 18.4801, 19.9815



88.6918, 93.3107, 101.6153



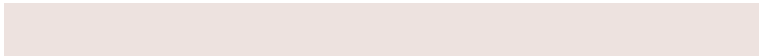
17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.6950, 44.1758, 46.3216



75.5040, 77.7942, 80.7925



43.5814, 45.9486, 46.6170



9.4406, 9.7116, 10.0494



14.2132, 8.2028, 0.8342



0.5480, 0.3831, 0.0451

Inverse Universe

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



42.5268, 45.4649, 51.3347



75.1332, 80.6348, 91.8398



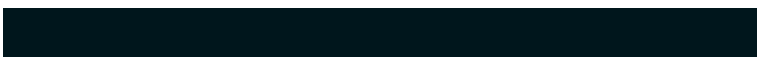
41.6369, 43.6851, 51.0381



9.3908, 10.0929, 11.5326



12.7919, 16.0434, 33.6756



0.4934, 0.6506, 1.2013

Previews

White Background



This preview shows how the XYZ color 42.6938, 44.1739, 46.3206 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 42.6938, 44.1739, 46.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

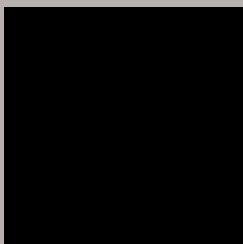
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

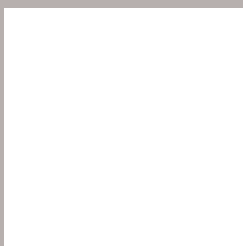
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6938, 44.1739, 46.3206

Background



This preview shows how black text looks on a background with the XYZ color 42.6938, 44.1739, 46.3206.

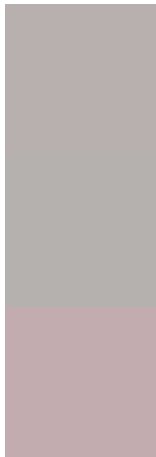


This preview shows how white text looks on a background with the XYZ color 42.6938, 44.1739,

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

42.6938, 44.1739, 46.3206

Protanopia

42.4182, 44.3240, 46.3641

Deuteranopia

44.9961, 44.2023, 46.7178



Tritanopia

44.2207, 44.2172, 53.7810

Trichromacy



Original Color

42.6938, 44.1739, 46.3206

Protanomaly

42.6535, 44.4454, 46.3751

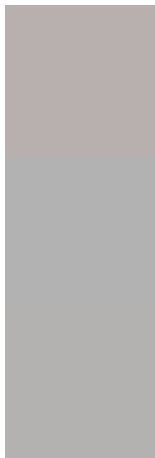
Deuteranomaly

44.1673, 44.0587, 46.7337

Tritanomaly

43.6444, 44.2692, 51.0442

Monochromacy



Original Color

42.6938, 44.1739, 46.3206

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.4803, 44.3219, 47.9110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6938, 44.1739, 46.3206 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, 176, 174) looks like.

```
.text, #text, p{  
    color:rgb(183, 176, 174)  
}
```

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, 176, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 176, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.6938, 44.1739, 46.3206 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, 176, 174) }
```


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

```
.border{ border-color:rgb(183, 176, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 176, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 176, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 176, 174);  
box-shadow:4px 4px 4px 4px rgb(183, 176,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6938, 44.1739, 46.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 176, 174) }
```

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

```
.background{ background-color: rgb(183,  
176, 174) }
```

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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