

Converting Colors

XYZ(43.2653, 44.9237, 45.4407)

Have a look what the booklet for
XYZ(43.2653, 44.9237, 45.4407)
contains.

XYZ(43.1761, 44.7371, 45.3892)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.1761, 44.7371,
45.3892)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B1AC
RGB	185, 177, 172
RGB Percent	73%, 69%, 67%
CMY	0.2745, 0.3059, 0.3255
CMYK	0.00, 0.04, 0.07, 0.27
HSL	23°, 8%, 70%
HSV	23°, 7%, 73%
XYZ	43.1761, 44.7371, 45.3892
YIQ	178.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

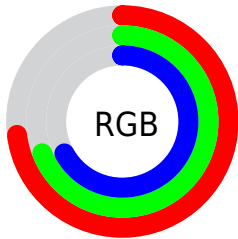
Format	Color
RYB	185, 180, 172
Decimal	12169644
CIELab	72.72, 1.95, 3.56
CIELCh	73, 4.060, 61.246
Yxy	44.7371, 0.3239, 0.3356
Android (android.graphics.Color)	4290359724 (0xFFB9B1AC)
YUV	178.8220, -3.3632, 5.4181
Hunter-Lab	66.8858, -1.8249, 6.5854

Details

The XYZ color **43.1761, 44.7371, 45.3892** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.0914, 44.9152, 52.3505**, and the grayscale version is **42.7689, 44.9963, 49.0009**.

A 20% lighter version of the original color is **79.2797, 82.5247, 84.4234**, and **20.1135, 20.6769, 20.7002** is the 20% darker color. If you saturate the color by 10%, you get **39.3671, 39.7670, 35.9554**, and if you desaturate by 10%, it is **47.4224, 50.1850, 56.1902**.

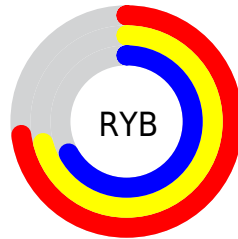
Distribution



Red (73%)

Green (69%)

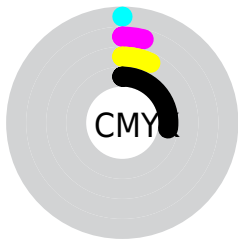
Blue (67%)



Red (73%)

Yellow (71%)

Blue (67%)

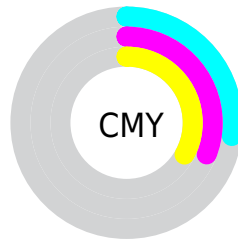


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1761, 44.7371, 45.3892 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 43.1761, 44.7371, 45.3892 by changing the saturation by 10% instead.

■ 43.1761, 44.7371,
45.3892

■ 43.1761, 44.7371,
45.3892

350.2447,
365.7078, 384.5535

■ 30.2184, 31.2504,
31.4189

■ 79.2306, 82.3258,
84.6288

■ 20.1533, 20.7896,
20.6569

103.0581,
107.1965, 110.7351

■ 12.6155, 12.9703,
12.6847

131.2397,
136.6307, 141.7239

■ 7.2395, 7.4081,
7.0836

164.1405,
171.0128, 178.0137

■ 3.6600, 3.7186,
3.4352

202.1261,
210.7272, 220.0231

■ 1.5116, 1.5174,
1.3209

245.5618,

■ 0.3337, 0.3009,

256.1582, 268.1704

0.0788

294.8129,
307.6903, 322.8744

0.0000, 0.0000,
0.0000

43.1761, 44.7371,
45.3892

43.1761, 44.7371,
45.3892

39.3671, 39.7670,
35.9554

47.4224, 50.1850,
56.1902

35.9771, 35.2557,
27.8309

52.1163, 56.1174,
68.4074

32.9916, 31.1914,
20.9579

57.2724, 62.5484,
82.0910

30.3940, 27.5594,
15.2730

62.9033, 69.4898,
97.2876

28.1665, 24.3444,
10.7075

67.4533, 76.3255,
105.7849

■ 26.2895, 21.5300,
7.1851

■ 70.7962, 83.0112,
106.8992

■ 24.7414, 19.0985,
4.6201

■ 73.8178, 89.0544,
107.9064

■ 23.4977, 17.0303,
2.9129

■ 22.5260, 15.3025,
1.9244

Harmonies

Analogous

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



43.6897, 44.7371, 46.7267



43.1761, 44.7371, 45.3892



42.4918, 44.7371, 44.9353

Triad

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



43.1761, 44.7371, 45.3892



41.1816, 44.7371, 48.7955



43.2277, 44.7371, 52.1030

Complementary

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



43.1761, 44.7371, 45.3892



42.0914, 44.9152, 52.3505

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.



42.5507, 44.7371, 52.6927



43.1761, 44.7371, 45.3892



41.3739, 44.7371, 50.7508

Square

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



43.1761, 44.7371, 45.3892



41.3450, 44.7371, 46.8690



41.8731, 44.7371, 52.1912



43.7197, 44.7371, 50.6009

Rectangle

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



43.1761, 44.7371, 45.3892



42.0324, 44.7371, 45.1847



41.8731, 44.7371, 52.1912



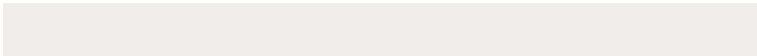
43.0139, 44.7371, 52.4163

Sweetspot

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



43.1773, 44.7391, 45.3902



81.0274, 84.8899, 90.6409



43.0006, 43.1159, 49.2453



17.4853, 18.3229, 19.5847



88.6918, 93.3107, 101.6153



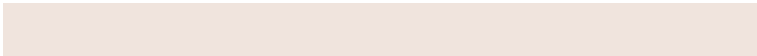
17.8044, 18.7317, 20.3988

Same Dimension

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



43.1773, 44.7391, 45.3902



76.5383, 79.1021, 79.3088



44.4879, 47.3601, 45.8270



9.2804, 9.5638, 9.4638



15.2323, 10.2409, 1.1739



0.5976, 0.4823, 0.0616

Inverse Universe

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



42.0914, 44.9152, 52.3505



74.3044, 79.4644, 93.6265



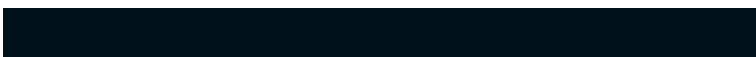
40.8137, 42.3598, 51.9246



8.9685, 9.6143, 11.4625



10.1167, 10.6931, 32.7838



0.4146, 0.4929, 1.1750

Previews

White Background



This preview shows how the XYZ color 43.1761, 44.7371, 45.3892 looks on a white background.

Color Contrast Check

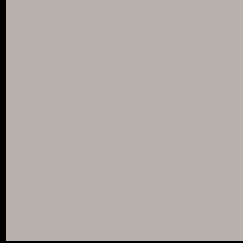
Large Text (above 18pt) WCAG AA × Fail

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 43.1761, 44.7371, 45.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

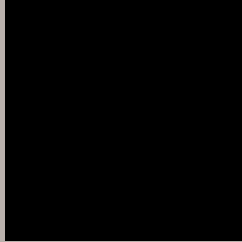
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1761, 44.7371, 45.3892

Background



This preview shows how black text looks on a background with the XYZ color 43.1761, 44.7371, 45.3892.

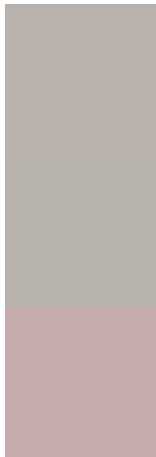


This preview shows how white text looks on a background with the XYZ color 43.1761, 44.7371,

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

43.1761, 44.7371, 45.3892

Protanopia

42.8952, 44.8866, 45.4329

Deuteranopia

45.5841, 44.5279, 45.7274



Tritanopia

44.9006, 44.8556, 53.8684

Trichromacy



Original Color

43.1761, 44.7371, 45.3892

Protanomaly

43.1340, 45.0097, 45.4441

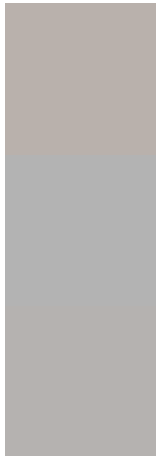
Deuteranomaly

44.6712, 44.6267, 45.7946

Tritanomaly

44.2185, 44.8672, 50.5856

Monochromacy



Original Color

43.1761, 44.7371, 45.3892

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8129, 44.7991, 47.4649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1761, 44.7371, 45.3892 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(185, 177, 172)` looks like.

```
.text, #text, p{  
    color:rgb(185, 177, 172)  
}
```

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(185, 177, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 177, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.1761, 44.7371, 45.3892 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(185, 177, 172) }
```


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

```
.border{ border-color:rgb(185, 177, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 177, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 177, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 177, 172);  
box-shadow:4px 4px 4px 4px rgb(185, 177,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1761, 44.7371, 45.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 177, 172) }
```

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

```
.background{ background-color: rgb(185,  
177, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor