

Converting Colors

XYZ(42.7741, 43.3282, 44.5800)

Have a look what the booklet for
XYZ(42.7741, 43.3282, 44.5800)
contains.

XYZ(42.7878, 43.3922, 44.6485)	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(42.7878, 43.3922,
44.6485)**

Conversions

Conversions Part 1

Format	Color
Hex	BBADAB
RGB	187, 173, 171
RGB Percent	73%, 68%, 67%
CMY	0.2667, 0.3216, 0.3294
CMYK	0.00, 0.07, 0.09, 0.27
HSL	8°, 11%, 70%
HSV	8°, 9%, 73%
XYZ	42.7878, 43.3922, 44.6485
YIQ	176.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

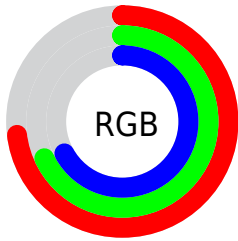
Format	Color
RYB	187, 173, 171
Decimal	12299691
CIELab	71.82, 4.67, 2.83
CIELCh	72, 5.458, 31.207
Yxy	43.3922, 0.3271, 0.3317
Android (android.graphics.Color)	4290489771 (0xFFBBADAB)
YUV	176.9580, -2.9373, 8.8068
Hunter-Lab	65.8728, 0.6678, 5.9242

Details

The XYZ color **42.7878, 43.3922, 44.6485** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1132, 46.9430, 53.8029**, and the grayscale version is **41.7805, 43.9564, 47.8685**.

A 20% lighter version of the original color is **78.4330, 80.0325, 83.2655**, and **19.9987, 20.0750, 20.2736** is the 20% darker color. If you saturate the color by 10%, you get **38.1831, 36.8360, 34.9329**, and if you desaturate by 10%, it is **48.0313, 50.8213, 55.8223**.

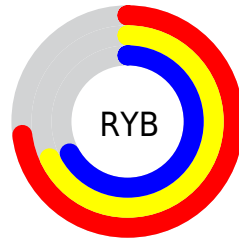
Distribution



Red (73%)

Green (68%)

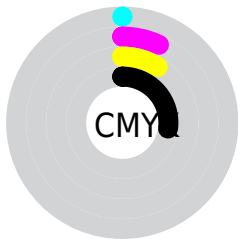
Blue (67%)



Red (73%)

Yellow (68%)

Blue (67%)

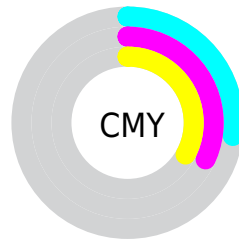


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7878, 43.3922, 44.6485 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 42.7878, 43.3922, 44.6485 by changing the saturation by 10% instead.

■ 42.7878, 43.3922,
44.6485

■ 42.7878, 43.3922,
44.6485

348.6747,
360.2222, 381.4666

■ 29.9125, 30.1930,
30.8397

■ 78.6483, 80.3024,
83.5055

■ 19.9199, 19.9851,
20.2194

102.3641,
104.7821, 109.3909

■ 12.4447, 12.3842,
12.3690

130.4241,
133.7908, 140.1389

■ 7.1217, 7.0059,
6.8699

163.1937,
167.7128, 176.1680

■ 3.5853, 3.4658,
3.3037

201.0382,
206.9325, 217.8967

■ 1.4703, 1.3795,
1.2517

244.3229,

■ 0.3055, 0.2015,

251.8344, 265.7438

0.0217

293.4133,
302.8029, 320.1275

■ 0.0000, 0.0000,
0.0000

■ 42.7878, 43.3922,
44.6485

■ 42.7878, 43.3922,
44.6485

■ 38.1831, 36.8360,
34.9329

■ 48.0313, 50.8213,
55.8223

■ 34.1891, 31.1151,
26.6125

■ 53.9329, 59.1478,
68.5080

■ 30.7812, 26.1977,
19.6241

■ 60.5158, 68.4023,
82.7601

■ 27.9316, 22.0476,
13.8983

■ 67.8007, 78.6122,
98.6295

■ 25.6101, 18.6260,
9.3596

■ 74.2397, 89.1767,
107.9077

■ 23.7840, 15.8906,
5.9243

■ 74.3038, 89.3049,
107.9291

■ 22.4165, 13.7948,
3.4976

■ 21.4656, 12.2860,
1.9692

■ 20.8730, 11.2997,
1.1585

Harmonies

Analogous

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



43.0525, 43.3922, 47.1392



42.7878, 43.3922, 44.6485



42.1083, 43.3922, 42.9089

Triad

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



42.7878, 43.3922, 44.6485



39.6992, 43.3922, 44.8283



41.2806, 43.3922, 52.5414

Complementary

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



42.7878, 43.3922, 44.6485



43.1132, 46.9430, 53.8029

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.



40.3896, 43.3922, 51.8674



42.7878, 43.3922, 44.6485



39.4849, 43.3922, 47.3544

Square

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



42.7878, 43.3922, 44.6485



40.3255, 43.3922, 43.0100



39.7358, 43.3922, 49.9439



42.1743, 43.3922, 51.7530

Rectangle

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



42.7878, 43.3922, 44.6485



41.5163, 43.3922, 42.3751



39.7358, 43.3922, 49.9439



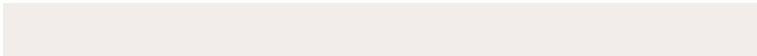
40.9709, 43.3922, 52.4781

Sweetspot

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



42.7890, 43.3941, 44.6494



81.6612, 84.8476, 90.6572



43.8281, 43.1997, 52.0018



17.8156, 18.4475, 19.6071



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.7890, 43.3941, 44.6494



75.2337, 75.7283, 76.9986



44.3416, 46.4993, 45.1670



9.6239, 9.7237, 9.9463



14.3668, 7.7723, 0.7430



0.5947, 0.3683, 0.0397

Inverse Universe

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



43.1132, 46.9430, 53.8029



75.9156, 83.1953, 96.2585



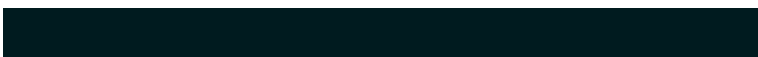
41.5134, 43.7434, 53.2696



9.7039, 10.6001, 12.2068



15.3127, 20.7371, 35.5885



0.6287, 0.8701, 1.4037

Previews

White Background



This preview shows how the XYZ color 42.7878, 43.3922, 44.6485 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 42.7878, 43.3922, 44.6485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

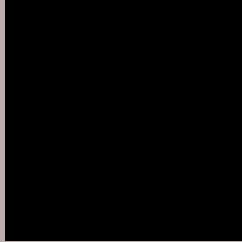
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7878, 43.3922, 44.6485

Background



This preview shows how black text looks on a background with the XYZ color 42.7878, 43.3922, 44.6485.



This preview shows how white text looks on a background with the XYZ color 42.7878, 43.3922,

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

42.7878, 43.3922, 44.6485

Protanopia

41.5988, 43.3418, 45.2030

Deuteranopia

44.3268, 43.3301, 45.0570



Tritanopia

44.2009, 43.4053, 51.3958

Trichromacy



Original Color

42.7878, 43.3922, 44.6485

Protanomaly

42.1109, 43.3179, 45.1714

Deuteranomaly

43.7475, 43.3108, 45.0838

Tritanomaly

43.6282, 43.4511, 48.7353

Monochromacy



Original Color

42.7878, 43.3922, 44.6485

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.3193, 43.9696, 46.8140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7878, 43.3922, 44.6485 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(187, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(187, 173, 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(187, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 173, 171) }
```

Border

The CSS property to change the border of an element to XYZ 42.7878, 43.3922, 44.6485 is called "border". The border property can be set on classes, ids or directly on the HTML element.

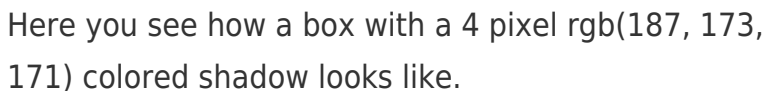
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 173, 171) }
```


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

```
.border{ border-color:rgb(187, 173, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 173, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 173, 171); box-shadow:4px 4px 4px 4px rgb(187, 173, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7878, 43.3922, 44.6485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 173, 171) }
```

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

```
.background{ background-color: rgb(187,  
173, 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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