

Converting Colors

XYZ(42.9515, 44.1946, 45.0679)

Have a look what the booklet for
XYZ(42.9515, 44.1946, 45.0679)
contains.

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Color

**XYZ(42.9793, 44.3435,
45.3236)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B0AC
RGB	185, 176, 172
RGB Percent	73%, 69%, 67%
CMY	0.2745, 0.3098, 0.3255
CMYK	0.00, 0.05, 0.07, 0.27
HSL	18°, 8%, 70%
HSV	18°, 7%, 73%
XYZ	42.9793, 44.3435, 45.3236
YIQ	178.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

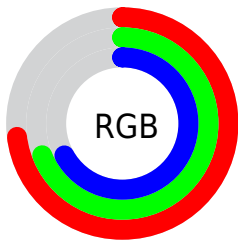
Format	Color
RYB	185, 178, 172
Decimal	12169388
CIELab	72.46, 2.49, 3.18
CIELCh	72, 4.042, 51.918
Yxy	44.3435, 0.3240, 0.3343
Android (android.graphics.Color)	4290359468 (0xFFB9B0AC)
YUV	178.2350, -3.0739, 5.9329
Hunter-Lab	66.5909, -1.3261, 6.2592

Details

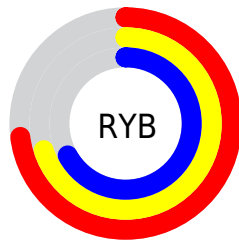
The XYZ color **42.9793, 44.3435, 45.3236** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2940, 45.3204, 52.4180**, and the grayscale version is **42.4556, 44.6666, 48.6420**.

A 20% lighter version of the original color is **78.9974, 81.9600, 84.3293**, and **20.1135, 20.6769, 20.7002** is the 20% darker color. If you saturate the color by 10%, you get **38.9321, 38.8969, 35.8104**, and if you desaturate by 10%, it is **47.5132, 50.3665, 56.2205**.

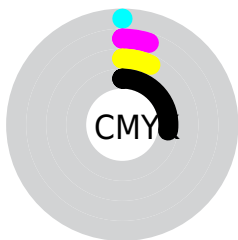
Distribution



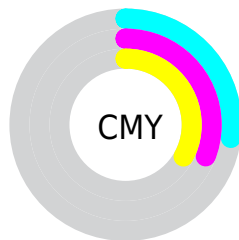
- Red (73%)
- Green (69%)
- Blue (67%)



- Red (73%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (27%)



- Cyan (27%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9793, 44.3435, 45.3236 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 42.9793, 44.3435, 45.3236 by changing the saturation by 10% instead.

■ 42.9793, 44.3435,
45.3236

■ 42.9793, 44.3435,
45.3236

349.4496,
364.1082, 384.2808

■ 30.0633, 30.9406,
31.3676

■ 78.9355, 81.7344,
84.5294

■ 20.0350, 20.5537,
20.6181

102.7065,
106.4912, 110.6162

■ 12.5289, 12.7981,
12.6566

130.8265,
135.8014, 141.5838

■ 7.1797, 7.2897,
7.0646

163.6609,
170.0495, 177.8506

■ 3.6221, 3.6439,
3.4235

201.5751,
209.6199, 219.8351

■ 1.4906, 1.4764,
1.3147

244.9343,

■ 0.3194, 0.2721,

254.8968, 267.9560

0.0738

294.1040,
306.2648, 322.6317

■ 0.0000, 0.0000,
0.0000

■ 42.9793, 44.3435,
45.3236

■ 42.9793, 44.3435,
45.3236

■ 38.9321, 38.8969,
35.8104

■ 47.5132, 50.3665,
56.2205

■ 35.3511, 34.0038,
27.6222

■ 52.5459, 56.9764,
68.5506

■ 32.2200, 29.6481,
20.7007

■ 58.0936, 64.1909,
82.3647

■ 29.5198, 25.8110,
14.9816

■ 64.1709, 72.0250,
97.7101

■ 27.2304, 22.4723,
10.3954

■ 69.2236, 79.8661,
106.3750

■ 25.3297, 19.6104,
6.8651

■ 73.1271, 87.6729,
107.6761

■ 23.7932, 17.2022,
4.3041

■ 73.8178, 89.0544,
107.9064

■ 22.5935, 15.2221,
2.6115

■ 21.6948, 13.6402,
1.6473

Harmonies

Analogous

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



43.4029, 44.3435, 46.8638



42.9793, 44.3435, 45.3236



42.3359, 44.3435, 44.5808

Triad

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



42.9793, 44.3435, 45.3236



40.8340, 44.3435, 47.7449



42.6495, 44.3435, 51.9320

Complementary

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



42.9793, 44.3435, 45.3236



42.2940, 45.3204, 52.4180

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.



41.9590, 44.3435, 52.1837



42.9793, 44.3435, 45.3236



40.9159, 44.3435, 49.7296

Square

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



42.9793, 44.3435, 45.3236



41.1009, 44.3435, 45.9534



41.3258, 44.3435, 51.3675



43.2110, 44.3435, 50.6891

Rectangle

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



42.9793, 44.3435, 45.3236



41.8710, 44.3435, 44.6232



41.3258, 44.3435, 51.3675



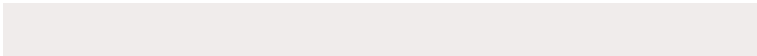
42.4246, 44.3435, 52.1367

Sweetspot

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



42.9805, 44.3454, 45.3246



80.9209, 84.6768, 90.6054



43.1114, 43.1603, 49.8290



17.4635, 18.2793, 19.5774



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.



42.9805, 44.3454, 45.3246



76.1344, 78.2944, 79.1742



44.2645, 46.9134, 45.7525



9.2242, 9.4513, 9.4450



14.6763, 9.1290, 0.9885



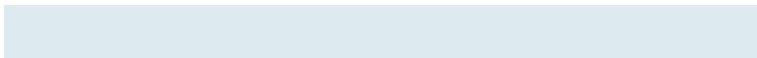
0.5740, 0.4351, 0.0537

Inverse Universe

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



42.2940, 45.3204, 52.4180



74.7221, 80.2998, 93.7657



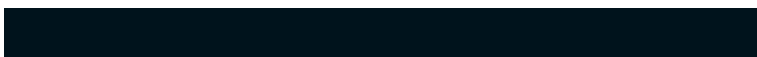
41.0230, 42.7785, 51.9944



9.0270, 9.7312, 11.4820



11.2883, 13.0362, 33.1744



0.4501, 0.5639, 1.1869

Previews

White Background



This preview shows how the XYZ color 42.9793, 44.3435, 45.3236 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 42.9793, 44.3435, 45.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

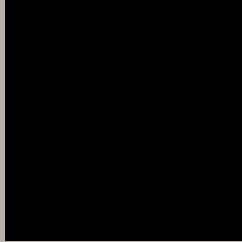
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9793, 44.3435, 45.3236

Background



This preview shows how black text looks on a background with the XYZ color 42.9793, 44.3435, 45.3236.



This preview shows how white text looks on a background with the XYZ color 42.9793, 44.3435,

45.3236.

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

42.9793, 44.3435, 45.3236

Protanopia

42.5564, 44.4065, 45.8635

Deuteranopia

45.3213, 44.3925, 45.7151



Tritanopia

44.5992, 44.4248, 53.2379

Trichromacy



Original Color

42.9793, 44.3435, 45.3236

Protanomaly

42.7934, 44.5287, 45.8746

Deuteranomaly

44.4787, 44.2417, 45.7304

Tritanomaly

44.0232, 44.4764, 50.5205

Monochromacy



Original Color

42.9793, 44.3435, 45.3236

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.6147, 44.4026, 47.3988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9793, 44.3435, 45.3236 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, 176, 172)` looks like.

```
.text, #text, p{  
    color:rgb(185, 176, 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, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 176, 172) }
```

Border

The CSS property to change the border of an element to XYZ 42.9793, 44.3435, 45.3236 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, 176, 172) }
```


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

```
.border{ border-color:rgb(185, 176, 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, 176, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 176, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 176, 172);  
box-shadow:4px 4px 4px 4px rgb(185, 176,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9793, 44.3435, 45.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 176, 172) }
```

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

```
.background{ background-color: rgb(185,  
176, 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](#).

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