

Converting Colors

XYZ(41.2393, 44.2306, 44.2379)

Have a look what the booklet for
XYZ(41.2393, 44.2306, 44.2379)
contains.

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Color

**XYZ(41.2803, 44.3726,
44.4193)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B3AA
RGB	176, 179, 170
RGB Percent	69%, 70%, 67%
CMY	0.3098, 0.2980, 0.3333
CMYK	0.02, 0.00, 0.05, 0.30
HSL	80°, 6%, 68%
HSV	80°, 5%, 70%
XYZ	41.2803, 44.3726, 44.4193
YIQ	177.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

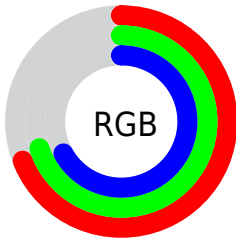
Format	Color
RYB	170, 179, 173
Decimal	11580330
CIELab	72.48, -2.72, 4.21
CIELCh	72, 5.014, 122.794
Yxy	44.3726, 0.3174, 0.3411
Android (android.graphics.Color)	4289770410 (0xFFB0B3AA)
YUV	177.0770, -3.4890, -0.9445
Hunter-Lab	66.6128, -5.9549, 7.0927

Details

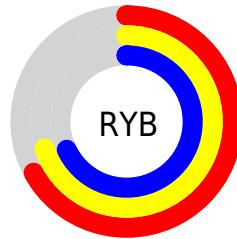
The XYZ color **41.2803, 44.3726, 44.4193** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7467, 40.8896, 48.4478**, and the grayscale version is **41.8488, 44.0282, 47.9467**.

A 20% lighter version of the original color is **76.5776, 82.0087, 83.0274**, and **19.0430, 20.5148, 20.0956** is the 20% darker color. If you saturate the color by 10%, you get **38.3807, 43.0616, 36.0380**, and if you desaturate by 10%, it is **44.4724, 45.8103, 54.0198**.

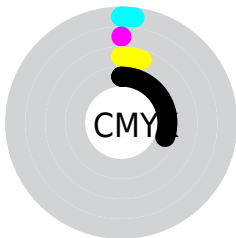
Distribution



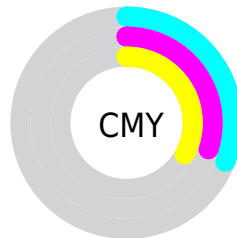
- Red (69%)
- Green (70%)
- Blue (67%)



- Red (67%)
- Yellow (70%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)



- Cyan (31%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2803, 44.3726, 44.4193 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 41.2803, 44.3726, 44.4193 by changing the saturation by 10% instead.

■ 41.2803, 44.3726,
44.4193

■ 41.2803, 44.3726,
44.4193

342.5334,
364.2266, 380.5079

■ 28.7268, 30.9635,
30.6607

■ 76.3812, 81.7781,
83.1575

■ 19.0175, 20.5711,
20.0843

99.6594, 106.5434,
108.9742

■ 11.7870, 12.8108,
12.2717

127.2432,
135.8628, 139.6472

■ 6.6700, 7.2984,
6.8042

159.4979,
170.1208, 175.5953

■ 3.3011, 3.6494,
3.2634

196.7889,
209.7018, 217.2368

■ 1.3149, 1.4795,
1.2306

239.4816,

■ 0.1943, 0.2742,

254.9902, 264.9904

0.0039

287.9413,
306.3703, 319.2746

0.0000, 0.0000,
0.0000

41.2803, 44.3726,
44.4193

41.2803, 44.3726,
44.4193

38.3807, 43.0616,
36.0380

44.4724, 45.8103,
54.0198

35.7599, 41.8675,
28.8241

47.9628, 47.3729,
64.8826

33.4084, 40.7878,
22.7267

51.7617, 49.0658,
77.0523

31.3149, 39.8179,
17.6896

55.8777, 50.8928,
90.5704

29.4670, 38.9527,
13.6520

59.5854, 52.5636,
101.6130

■ 27.8512, 38.1867,
10.5469

■ 61.2735, 53.4338,
101.6920

■ 26.4523, 37.5139,
8.2990

■ 63.0252, 54.3369,
101.7740

■ 25.2530, 36.9271,
6.8214

■ 64.8413, 55.2731,
101.8590

■ 24.2322, 36.4178,
6.0077

■ 66.7223, 56.2428,
101.9470

Harmonies

Analogous

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



42.0938, 44.3726, 43.7106



41.2803, 44.3726, 44.4193



40.7127, 44.3726, 46.1688

Triad

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



41.2803, 44.3726, 44.4193



41.4189, 44.3726, 52.6760



43.8581, 44.3726, 48.0824

Complementary

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



41.2803, 44.3726, 44.4193



39.7467, 40.8896, 48.4478

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.



43.6715, 44.3726, 50.5250



41.2803, 44.3726, 44.4193



42.2560, 44.3726, 53.2302

Square

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



41.2803, 44.3726, 44.4193



40.7920, 44.3726, 50.9406



43.0822, 44.3726, 52.4304



43.5886, 44.3726, 45.7797

Rectangle

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



41.2803, 44.3726, 44.4193



40.5460, 44.3726, 47.7191



43.0822, 44.3726, 52.4304



43.8467, 44.3726, 48.9142

Sweetspot

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



41.2815, 44.3745, 44.4203



75.5868, 80.2162, 84.4688



40.7913, 42.3746, 44.0601



16.7596, 17.7779, 18.7539



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



41.2815, 44.3745, 44.4203



73.3488, 79.2069, 77.8394



40.2809, 43.8587, 44.3734



9.1006, 9.8452, 9.6048



16.8661, 25.6049, 4.0533



0.5895, 0.8359, 0.1303

Inverse Universe

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



39.7467, 40.8896, 48.4478



70.0381, 71.6895, 86.5272



40.7586, 41.4112, 48.4951



8.6613, 8.8477, 10.7576



7.1171, 3.0048, 30.3419



0.2874, 0.1273, 0.9577

Previews

White Background



This preview shows how the XYZ color 41.2803, 44.3726, 44.4193 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 41.2803, 44.3726, 44.4193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

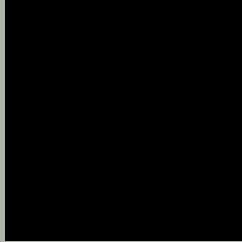
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2803, 44.3726, 44.4193

Background



This preview shows how black text looks on a background with the XYZ color 41.2803, 44.3726, 44.4193.



This preview shows how white text looks on a background with the XYZ color 41.2803, 44.3726,

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

41.2803, 44.3726, 44.4193

Protanopia

42.4120, 44.3761, 43.8662

Deuteranopia

45.1292, 44.3156, 44.7033



Tritanopia

43.4100, 44.3521, 54.9881

Trichromacy



Original Color

41.2803, 44.3726, 44.4193

Protanomaly

41.9042, 44.4087, 43.8993

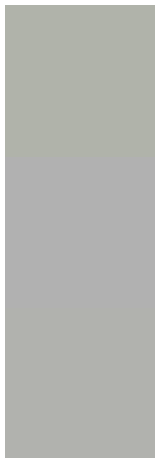
Deuteranomaly

43.6669, 44.4190, 44.8003

Tritanomaly

42.6295, 44.3282, 51.1091

Monochromacy



Original Color

41.2803, 44.3726, 44.4193

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6918, 44.2439, 46.3869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2803, 44.3726, 44.4193 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(176, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(176, 179, 170)  
}
```

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(176, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 179, 170) }
```

Border

The CSS property to change the border of an element to XYZ 41.2803, 44.3726, 44.4193 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(176, 179, 170) }
```


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

```
.border{ border-color:rgb(176, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(176, 179,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2803, 44.3726, 44.4193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 179, 170) }
```

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

```
.background{ background-color: rgb(176,  
179, 170) }
```

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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