

Converting Colors

XYZ(40.7520, 44.1131, 45.2477)

Have a look what the booklet for
XYZ(40.7520, 44.1131, 45.2477)
contains.

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Color

**XYZ(40.8001, 44.1030,
45.3921)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB3AC
RGB	173, 179, 172
RGB Percent	68%, 70%, 67%
CMY	0.3216, 0.2980, 0.3255
CMYK	0.03, 0.00, 0.04, 0.30
HSL	111°, 4%, 69%
HSV	111°, 4%, 70%
XYZ	40.8001, 44.1030, 45.3921
YIQ	176.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

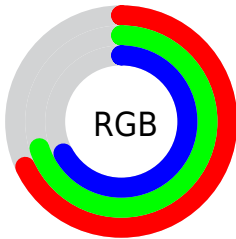
Format	Color
RYB	172, 179, 178
Decimal	11383724
CIELab	72.30, -3.42, 2.83
CIELCh	72, 4.436, 140.356
Yxy	44.1030, 0.3131, 0.3385
Android (android.graphics.Color)	4289573804 (0xFFADB3AC)
YUV	176.4080, -2.1731, -2.9888
Hunter-Lab	66.4101, -6.5533, 5.9616

Details

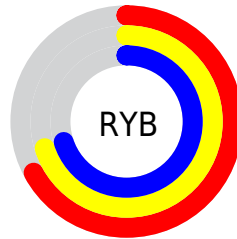
The XYZ color **40.8001, 44.1030, 45.3921** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2510, 42.2259, 48.6263**, and the grayscale version is **41.4924, 43.6532, 47.5383**.

A 20% lighter version of the original color is **75.5684, 81.4567, 84.4129**, and **18.7362, 20.3427, 20.7083** is the 20% darker color. If you saturate the color by 10%, you get **35.9952, 41.8127, 36.7895**, and if you desaturate by 10%, it is **46.2288, 46.6907, 55.2346**.

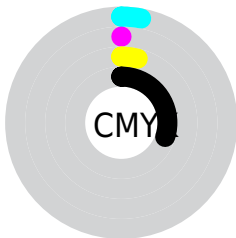
Distribution



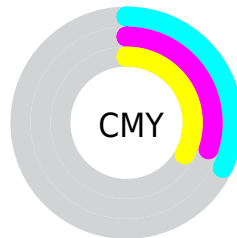
- Red (68%)
- Green (70%)
- Blue (67%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8001, 44.1030, 45.3921 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 40.8001, 44.1030, 45.3921 by changing the saturation by 10% instead.

■ 40.8001, 44.1030,
45.3921

■ 40.8001, 44.1030,
45.3921

340.5613,
363.1284, 384.5656

■ 28.3499, 30.7515,
31.4212

■ 75.6570, 81.3727,
84.6332

■ 18.7314, 20.4097,
20.6586

98.7944, 106.0597,
110.7404

■ 11.5792, 12.6932,
12.6859

126.2248,
135.2940, 141.7301

■ 6.5280, 7.2176,
7.0844

158.3138,
169.4599, 178.0209

■ 3.2124, 3.5986,
3.4357

195.4266,
208.9420, 220.0314

■ 1.2670, 1.4516,
1.3212

237.9285,

■ 0.1583, 0.2543,

254.1245, 268.1799

0.0791

286.1850,
305.3918, 322.8851

0.0000, 0.0000,
0.0000

40.8001, 44.1030,
45.3921

40.8001, 44.1030,
45.3921

35.9952, 41.8127,
36.7895

46.2288, 46.6907,
55.2346

31.7881, 39.8036,
29.3748

52.2989, 49.5799,
66.3605

28.1564, 38.0666,
23.0968

59.0317, 52.7821,
78.8144

25.0748, 36.5898,
17.8992

66.4464, 56.3063,
92.6384

22.5162, 35.3606,
13.7212

73.4967, 59.7350,
102.2641

■ 20.4511, 34.3653,
10.4956

■ 75.4110, 60.7219,
102.3537

■ 18.8471, 33.5887,
8.1475

■ 17.6677, 33.0139,
6.5905

■ 16.8705, 32.6214,
5.7209

Harmonies

Analogous

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



41.4108, 44.1030, 44.1919



40.8001, 44.1030, 45.3921



40.4902, 44.1030, 47.3209

Triad

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



40.8001, 44.1030, 45.3921



41.6735, 44.1030, 52.2788



43.3078, 44.1030, 46.5753

Complementary

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



40.8001, 44.1030, 45.3921



41.2510, 42.2259, 48.6263

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.



43.3802, 44.1030, 48.7273



40.8001, 44.1030, 45.3921



42.4305, 44.1030, 52.0645

Square

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



40.8001, 44.1030, 45.3921



40.9904, 44.1030, 51.3259



43.0573, 44.1030, 50.7488



42.8606, 44.1030, 44.8605

Rectangle

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



40.8001, 44.1030, 45.3921



40.4933, 44.1030, 48.7792



43.0573, 44.1030, 50.7488



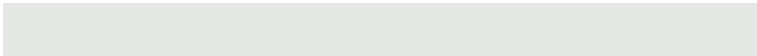
43.3769, 44.1030, 47.2701

Sweetspot

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



40.8013, 44.1049, 45.3931



75.7683, 80.2724, 86.1646



41.9491, 44.3852, 45.3867



16.7978, 17.7897, 19.1102



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.



40.8013, 44.1049, 45.3931



72.0044, 78.4785, 79.3741



40.8187, 44.0864, 46.6342



8.9048, 9.7403, 9.7767



11.7187, 22.9513, 3.8124



0.4040, 0.7403, 0.1216

Inverse Universe

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



41.2510, 42.2259, 48.6263



73.0429, 74.1388, 86.8416



41.2355, 42.2463, 47.3429



9.0465, 9.1483, 10.7953



15.1339, 7.1376, 30.7170



0.5087, 0.2413, 0.9680

Previews

White Background



This preview shows how the XYZ color 40.8001, 44.1030, 45.3921 looks on a white background.

Color Contrast Check

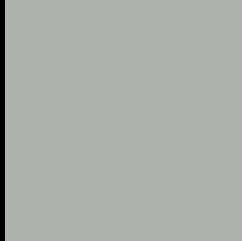
Large Text (above 18pt) WCAG AA × Fail

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 40.8001, 44.1030, 45.3921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

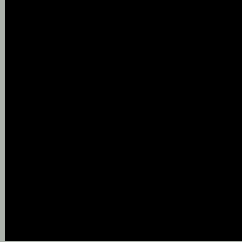
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

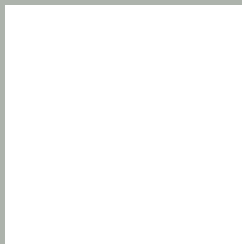
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8001, 44.1030, 45.3921

Background



This preview shows how black text looks on a background with the XYZ color 40.8001, 44.1030, 45.3921.



This preview shows how white text looks on a background with the XYZ color 40.8001, 44.1030,

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

40.8001, 44.1030, 45.3921

Protanopia

42.1674, 43.9360, 44.7861

Deuteranopia

44.9678, 43.9176, 46.1513



Tritanopia

42.7241, 43.9985, 54.9560

Trichromacy



Original Color

40.8001, 44.1030, 45.3921

Protanomaly

41.6632, 43.9683, 44.8189

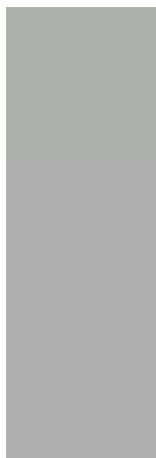
Deuteranomaly

43.4179, 43.9806, 45.7359

Tritanomaly

41.9486, 43.9771, 51.0773

Monochromacy



Original Color

40.8001, 44.1030, 45.3921

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1392, 43.6534, 46.8151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8001, 44.1030, 45.3921 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(173, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 179, 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(173, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 179, 172) }
```

Border

The CSS property to change the border of an element to XYZ 40.8001, 44.1030, 45.3921 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(173, 179, 172) }
```


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

```
.border{ border-color:rgb(173, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 179,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8001, 44.1030, 45.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 179, 172) }
```

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

```
.background{ background-color: rgb(173,  
179, 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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