

Converting Colors

XYZ(40.4192, 44.2161, 42.4555)

Have a look what the booklet for
XYZ(40.4192, 44.2161, 42.4555)
contains.

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Color

**XYZ(40.4378, 44.2799,
42.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB4A6
RGB	173, 180, 166
RGB Percent	68%, 71%, 65%
CMY	0.3216, 0.2941, 0.3490
CMYK	0.04, 0.00, 0.08, 0.29
HSL	90°, 9%, 68%
HSV	90°, 8%, 71%
XYZ	40.4378, 44.2799, 42.4920
YIQ	176.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

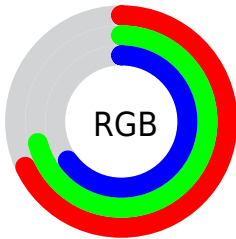
Format	Color
R _Y B	166, 180, 173
Decimal	11383974
CIE Lab	72.42, -5.04, 6.29
CIE LCh	72, 8.059, 128.744
Yxy	44.2799, 0.3179, 0.3481
Android (android.graphics.Color)	4289574054 (0xFFADB4A6)
YUV	176.3110, -5.0833, -2.9037
Hunter-Lab	66.5431, -7.9773, 8.7198

Details

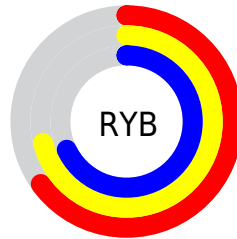
The XYZ color **40.4378, 44.2799, 42.4920** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1097, 39.4532, 48.7362**, and the grayscale version is **41.4557, 43.6147, 47.4964**.

A 20% lighter version of the original color is **75.0415, 81.7053, 80.2222**, and **18.5118, 20.4586, 18.8928** is the 20% darker color. If you saturate the color by 10%, you get **36.9771, 42.6748, 34.3055**, and if you desaturate by 10%, it is **44.2663, 46.0505, 51.9040**.

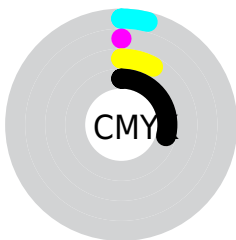
Distribution



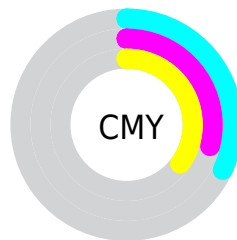
- Red (68%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (68%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4378, 44.2799, 42.4920 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 40.4378, 44.2799, 42.4920 by changing the saturation by 10% instead.

■ 40.4378, 44.2799,
42.4920

■ 40.4378, 44.2799,
42.4920

339.0683,
363.8493, 372.3781

■ 28.0658, 30.8906,
29.1583

■ 75.1098, 81.6388,
80.2218

■ 18.5160, 20.5156,
18.9540

■ 98.1406, 106.3771,
105.4550

■ 11.4230, 12.7704,
11.4606

125.4549,
135.6673, 135.4918

■ 6.4215, 7.2706,
6.2595

157.4182,
169.8937, 170.7506

■ 3.1461, 3.6319,
2.9322

194.3958,
209.4407, 211.6502

■ 1.2315, 1.4699,
1.0601

236.7532,

■ 0.1310, 0.2674,

254.6927, 258.6089

0.0000

284.8555,
306.0341, 312.0453

■ 0.0000, 0.0000,
0.0000

■ 40.4378, 44.2799,
42.4920

■ 40.4378, 44.2799,
42.4920

■ 36.9771, 42.6748,
34.3055

■ 44.2663, 46.0505,
51.9040

■ 33.8683, 41.2242,
27.2913

■ 48.4703, 47.9857,
62.5860

■ 31.0998, 39.9245,
21.3964

■ 53.0623, 50.0921,
74.5841

■ 28.6577, 38.7701,
16.5626

■ 58.0526, 52.3742,
87.9409

■ 26.5272, 37.7544,
12.7266

■ 63.2893, 54.7716,
101.8440

■ 24.6919, 36.8708,
9.8182

■ 66.0553, 56.1975,
101.9735

■ 23.1337, 36.1115,
7.7583

■ 68.9698, 57.7000,
102.1098

■ 21.8318, 35.4679,
6.4543

■ 72.0350, 59.2802,
102.2533

■ 20.7557, 34.9273,
5.7625

■ 75.2530, 60.9391,
102.4039

Harmonies

Analogous

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



41.6821, 44.2799, 41.0438



40.4378, 44.2799, 42.4920



39.6472, 44.2799, 45.4940

Triad

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



40.4378, 44.2799, 42.4920



41.1262, 44.2799, 55.6963



44.7811, 44.2799, 47.0602

Complementary

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



40.4378, 44.2799, 42.4920



39.1097, 39.4532, 48.7362

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.



44.6243, 44.2799, 51.0388



40.4378, 44.2799, 42.4920



42.4939, 44.2799, 56.1726

Square

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



40.4378, 44.2799, 42.4920



40.0385, 44.2799, 53.1588



43.7799, 44.2799, 54.4264



44.2036, 44.2799, 43.5844

Rectangle

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



40.4378, 44.2799, 42.4920



39.4735, 44.2799, 48.0459



43.7799, 44.2799, 54.4264



44.8128, 44.2799, 48.3811

Sweetspot

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



40.4390, 44.2818, 42.4930



77.2250, 82.0941, 86.5707



40.6505, 42.3452, 42.1080



16.7075, 17.7510, 18.7515



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.



40.4390, 44.2818, 42.4930



72.4190, 79.8705, 74.8744



38.9314, 43.5046, 42.4224



8.7802, 9.6918, 9.0605



14.4102, 24.3388, 3.9384



0.5207, 0.8005, 0.1271

Inverse Universe

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



39.1097, 39.4532, 48.7362



69.6089, 69.6630, 88.0721



40.6985, 40.2722, 48.8105



8.4333, 8.4319, 10.6894



8.7715, 3.8577, 30.4193



0.3433, 0.1561, 0.9603

Previews

White Background



This preview shows how the XYZ color 40.4378, 44.2799, 42.4920 looks on a white background.

Color Contrast Check

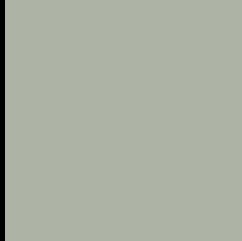
Large Text (above 18pt) WCAG AA × Fail

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 40.4378, 44.2799, 42.4920 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

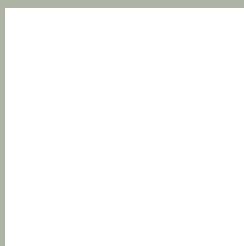
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4378, 44.2799, 42.4920

Background



This preview shows how black text looks on a background with the XYZ color 40.4378, 44.2799, 42.4920.



This preview shows how white text looks on a background with the XYZ color 40.4378, 44.2799,

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

40.4378, 44.2799, 42.4920

Protanopia

42.1901, 44.3150, 41.4519

Deuteranopia

44.9195, 43.9587, 43.1632



Tritanopia

42.9511, 44.1155, 54.9666

Trichromacy



Original Color

40.4378, 44.2799, 42.4920

Protanomaly

41.5343, 44.2607, 41.9514

Deuteranomaly

43.0974, 43.8809, 42.7576

Tritanomaly

41.9671, 44.0106, 49.9990

Monochromacy



Original Color

40.4378, 44.2799, 42.4920

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.8477, 43.5368, 45.2803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4378, 44.2799, 42.4920 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, 180, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 166)  
}
```

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, 180, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 166) }
```

Border

The CSS property to change the border of an element to XYZ 40.4378, 44.2799, 42.4920 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, 180, 166) }
```


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

```
.border{ border-color:rgb(173, 180, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 180, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 166);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4378, 44.2799, 42.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 166) }
```

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

```
.background{ background-color: rgb(173,  
180, 166) }
```

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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