

Converting Colors

XYZ(40.8125, 44.7342, 40.8528)

Have a look what the booklet for
XYZ(40.8125, 44.7342, 40.8528)
contains.

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Color

**XYZ(40.7247, 44.7703,
40.6775)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB5A2
RGB	175, 181, 162
RGB Percent	69%, 71%, 64%
CMY	0.3137, 0.2902, 0.3647
CMYK	0.03, 0.00, 0.10, 0.29
HSL	79°, 11%, 67%
HSV	79°, 10%, 71%
XYZ	40.7247, 44.7703, 40.6775
YIQ	177.0400, 2.5230, -7.1810

Conversions

Conversions Part 2

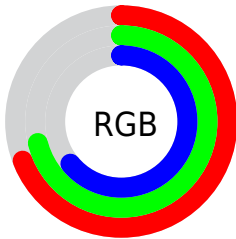
Format	Color
RYB	162, 181, 168
Decimal	11515298
CIELab	72.74, -5.56, 8.96
CIELCh	73, 10.541, 121.821
Yxy	44.7703, 0.3228, 0.3548
Android (android.graphics.Color)	4289705378 (0xFFAFB5A2)
YUV	177.0400, -7.4147, -1.7891
Hunter-Lab	66.9106, -8.4507, 10.7928

Details

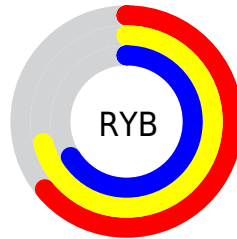
The XYZ color **40.7247, 44.7703, 40.6775** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.4108, 37.5028, 48.9853**, and the grayscale version is **41.8488, 44.0282, 47.9467**.

A 20% lighter version of the original color is **75.7636, 82.5671, 77.5895**, and **18.7020, 20.7751, 17.7761** is the 20% darker color. If you saturate the color by 10%, you get **37.9743, 43.5264, 32.7459**, and if you desaturate by 10%, it is **43.7636, 46.1387, 49.8335**.

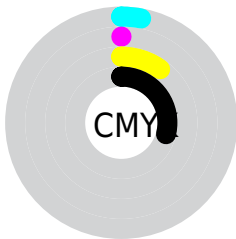
Distribution



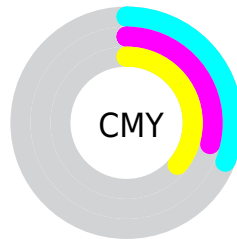
- Red (69%)
- Green (71%)
- Blue (64%)



- Red (64%)
- Yellow (71%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7247, 44.7703, 40.6775 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 40.7247, 44.7703, 40.6775 by changing the saturation by 10% instead.

■ 40.7247, 44.7703,
40.6775

■ 40.7247, 44.7703,
40.6775

340.2510,
365.8425, 364.6076

■ 28.2908, 31.2765,
27.7494

■ 75.5432, 82.3756,
77.4424

■ 18.6865, 20.8095,
17.8994

■ 98.6584, 107.2560,
102.1163

■ 11.5466, 12.9848,
10.7091

126.0647,
136.7006, 131.5425

■ 6.5058, 7.4181,
5.7599

158.1276,
171.0940, 166.1396

■ 3.1985, 3.7249,
2.6332

195.2123,
210.8205, 206.3261

■ 1.2596, 1.5209,
0.9095

237.6841,

■ 0.1527, 0.3034,

256.2644, 252.5206

0.0000

285.9086,
307.8103, 305.1416

■ 0.0000, 0.0000,
0.0000

■ 40.7247, 44.7703,
40.6775

■ 40.7247, 44.7703,
40.6775

■ 37.9743, 43.5264,
32.7459

■ 43.7636, 46.1387,
49.8335

■ 35.4981, 42.3970,
25.9837

■ 47.0971, 47.6299,
60.2596

■ 33.2862, 41.3795,
20.3365


■ 50.7360, 49.2497,
72.0031

■ 31.3264, 40.4688,
15.7439


■ 54.6891, 51.0016,
85.1077


■ 29.6056, 39.6597,
12.1403


■ 58.9650, 52.8893,
99.6152


 28.1091, 38.9461,
9.4523


 60.9565, 53.8698,
101.7929

 26.8204, 38.3215,
7.5966

 62.6067, 54.7205,
101.8701

 25.7201, 37.7780,
6.4748

 64.3156, 55.6014,
101.9501

 24.8118, 37.3216,
5.8961

 66.0837, 56.5129,
102.0328

Harmonies

Analogous

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



42.4411, 44.7703, 39.3544



40.7247, 44.7703, 40.6775



39.5265, 44.7703, 44.1424

Triad

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



40.7247, 44.7703, 40.6775



40.9130, 44.7703, 58.1788



46.1669, 44.7703, 48.4278

Complementary

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



40.7247, 44.7703, 40.6775



37.4108, 37.5028, 48.9853

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.



45.7299, 44.7703, 53.6617



40.7247, 44.7703, 40.6775



42.6647, 44.7703, 59.5270

Square

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



40.7247, 44.7703, 40.6775



39.6330, 44.7703, 54.2550



44.4349, 44.7703, 57.8193



45.6127, 44.7703, 43.6255

Rectangle

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



40.7247, 44.7703, 40.6775



39.1647, 44.7703, 47.3278



44.4349, 44.7703, 57.8193



46.1310, 44.7703, 50.1948

Sweetspot

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



40.7259, 44.7722, 40.6785



76.9379, 81.9839, 84.8498



39.5265, 40.3284, 39.8839



16.5332, 17.6766, 18.0479



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.



40.7259, 44.7722, 40.6785



71.5459, 79.5545, 68.7756



38.7308, 43.7437, 40.5851



8.9308, 9.7694, 9.0675



17.1780, 25.7657, 4.0679



0.5976, 0.8401, 0.1307

Inverse Universe

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



37.4108, 37.5028, 48.9853



64.2094, 63.4658, 87.1605



39.4394, 38.5485, 49.0803



8.2862, 8.3561, 10.6825



6.9844, 2.9364, 30.3357



0.2817, 0.1243, 0.9574

Previews

White Background



This preview shows how the XYZ color 40.7247, 44.7703, 40.6775 looks on a white background.

Color Contrast Check

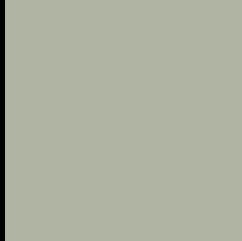
Large Text (above 18pt) WCAG AA × Fail

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 40.7247, 44.7703, 40.6775 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

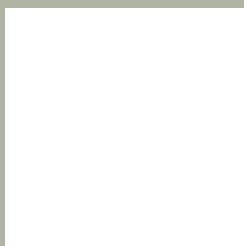
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7247, 44.7703, 40.6775

Background



This preview shows how black text looks on a background with the XYZ color 40.7247, 44.7703, 40.6775.



This preview shows how white text looks on a background with the XYZ color 40.7247, 44.7703,

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

40.7247, 44.7703, 40.6775

Protanopia

42.5153, 44.8180, 39.6676

Deuteranopia

45.5408, 44.6029, 41.3309



Tritanopia

43.7165, 44.7896, 55.6314

Trichromacy



Original Color

40.7247, 44.7703, 40.6775

Protanomaly

41.8445, 44.7585, 40.1520

Deuteranomaly

43.6791, 44.5108, 40.9396

Tritanomaly

42.5187, 44.6011, 49.5479

Monochromacy



Original Color

40.7247, 44.7703, 40.6775

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.2713, 44.0495, 45.3569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7247, 44.7703, 40.6775 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(175, 181, 162)` looks like.

```
.text, #text, p{  
    color:rgb(175, 181, 162)  
}
```

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(175, 181, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 181, 162) }
```

Border

The CSS property to change the border of an element to XYZ 40.7247, 44.7703, 40.6775 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(175, 181, 162) }
```


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

```
.border{ border-color:rgb(175, 181, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 181, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 181, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 181, 162);  
box-shadow:4px 4px 4px 4px rgb(175, 181,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7247, 44.7703, 40.6775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 181, 162) }
```

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

```
.background{ background-color: rgb(175,  
181, 162) }
```

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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