

Converting Colors

XYZ(40.7779, 45.3956, 41.2633)

Have a look what the booklet for
XYZ(40.7779, 45.3956, 41.2633)
contains.

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Color

**XYZ(40.7779, 45.3956,
41.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB7A3
RGB	173, 183, 163
RGB Percent	68%, 72%, 64%
CMY	0.3216, 0.2823, 0.3608
CMYK	0.05, 0.00, 0.11, 0.28
HSL	90°, 12%, 68%
HSV	90°, 11%, 72%
XYZ	40.7779, 45.3956, 41.2633
YIQ	177.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

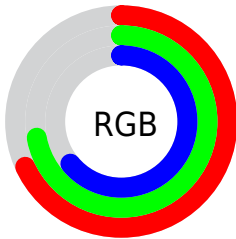
Format	Color
RYB	163, 183, 173
Decimal	11384739
CIELab	73.15, -7.17, 8.98
CIELCh	73, 11.487, 128.599
Yxy	45.3956, 0.3200, 0.3562
Android (android.graphics.Color)	4289574819 (0xFFADB7A3)
YUV	177.7300, -7.2619, -4.1482
Hunter-Lab	67.3763, -9.8755, 10.8524

Details

The XYZ color **40.7779, 45.3956, 41.2633** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **38.8799, 38.4988, 50.1841**, and the grayscale version is **42.2123, 44.4106, 48.3632**.

A 20% lighter version of the original color is **75.5163, 83.2889, 78.4259**, and **18.7370, 21.1779, 18.1391** is the 20% darker color. If you saturate the color by 10%, you get **37.3008, 43.7804, 33.1518**, and if you desaturate by 10%, it is **44.6335, 47.1812, 50.6330**.

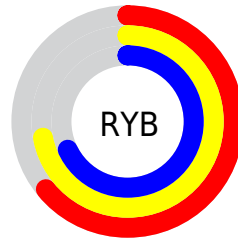
Distribution



Red (68%)

Green (72%)

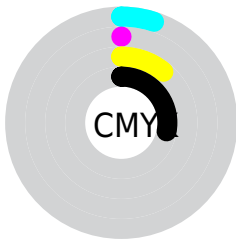
Blue (64%)



Red (64%)

Yellow (72%)

Blue (68%)

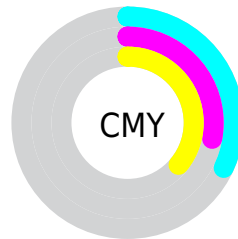


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (28%)



Cyan (32%)

Magenta (28%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7779, 45.3956, 41.2633 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 40.7779, 45.3956, 41.2633 by changing the saturation by 10% instead.

■ 40.7779, 45.3956,
41.2633

■ 40.7779, 45.3956,
41.2633

340.4700,
368.3734, 367.1290

■ 28.3325, 31.7691,
28.2036

■ 75.6235, 83.3137,
78.3414

■ 18.7182, 21.1852,
18.2388

■ 98.7543, 108.3742,
103.1970

■ 11.5696, 13.2595,
10.9504

126.1777,
138.0148, 132.8216

■ 6.5214, 7.6075,
5.9197

158.2590,
172.6199, 167.6338

■ 3.2083, 3.8448,
2.7283

195.3635,
212.5739, 208.0520

■ 1.2649, 1.5871,
0.9576

237.8566,

■ 0.1567, 0.3489,

258.2612, 254.4950

0.0000

286.1036,
310.0663, 307.3812

■ 0.0000, 0.0000,
0.0000

■ 40.7779, 45.3956,
41.2633

■ 40.7779, 45.3956,
41.2633

■ 37.3008, 43.7804,
33.1518

■ 44.6335, 47.1812,
50.6330

■ 34.1855, 42.3241,
26.2420

■ 48.8761, 49.1364,
61.3084

■ 31.4196, 41.0230,
20.4775

■ 53.5184, 51.2682,
73.3380

■ 28.9884, 39.8707,
15.7961

■ 58.5717, 53.5813,
86.7669

■ 26.8759, 38.8606,
12.1299

■ 64.0466, 56.0802,
101.6383

■ 25.0646, 37.9854,
9.4030

■ 66.9523, 57.5689,
102.1909

■ 23.5349, 37.2367,
7.5292

■ 69.9319, 59.1049,
102.3303

■ 22.2639, 36.6050,
6.4060

■ 73.0674, 60.7214,
102.4771

■ 21.2964, 36.1175,
5.8489

■ 76.2244, 62.3489,
102.6248

Harmonies

Analogous

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



42.5712, 45.3956, 39.2606



40.7779, 45.3956, 41.2633



39.6439, 45.3956, 45.4936

Triad

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



40.7779, 45.3956, 41.2633



41.7506, 45.3956, 60.4803



47.0873, 45.3956, 47.7897

Complementary

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



40.7779, 45.3956, 41.2633



38.8799, 38.4988, 50.1841

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.



46.8510, 45.3956, 53.5831



40.7779, 45.3956, 41.2633



43.7283, 45.3956, 61.2149

Square

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



40.7779, 45.3956, 41.2633



40.1932, 45.3956, 56.6689



45.6065, 45.3956, 58.6046



46.2425, 45.3956, 42.8319

Rectangle

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



40.7779, 45.3956, 41.2633



39.3933, 45.3956, 49.1576



45.6065, 45.3956, 58.6046



47.1322, 45.3956, 49.6996

Sweetspot

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



40.7791, 45.3976, 41.2643



78.4134, 83.7939, 86.9301



41.0846, 42.6005, 40.7083



17.1932, 18.4493, 18.8914



88.6918, 93.3107, 101.6153



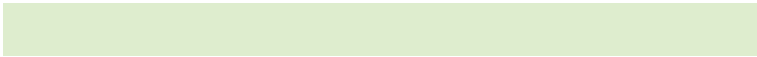
17.8044, 18.7317, 20.3988

Same Dimension

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



40.7791, 45.3976, 41.2643



71.5493, 80.6144, 70.3859



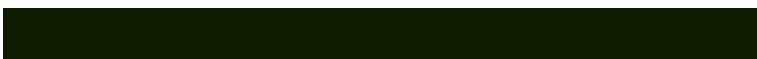
38.6499, 44.2999, 41.1646



9.3066, 10.2747, 9.5996



14.9351, 25.2356, 4.0838



0.5979, 0.9264, 0.1473

Inverse Universe

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



38.8799, 38.4988, 50.1841



67.5008, 65.9087, 89.3997



41.1747, 39.6818, 50.2915



8.9375, 8.9341, 11.3328



9.0876, 3.9960, 31.5454



0.3917, 0.1777, 1.1154

Previews

White Background



This preview shows how the XYZ color 40.7779, 45.3956, 41.2633 looks on a white background.

Color Contrast Check

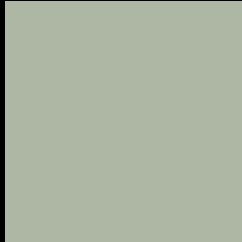
Large Text (above 18pt) WCAG AA × Fail

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 40.7779, 45.3956, 41.2633 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

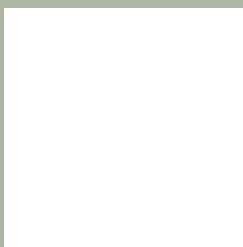
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7779, 45.3956, 41.2633

Background



This preview shows how black text looks on a background with the XYZ color 40.7779, 45.3956, 41.2633.



This preview shows how white text looks on a background with the XYZ color 40.7779, 45.3956,

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

40.7779, 45.3956, 41.2633

Protanopia

43.0466, 45.3782, 40.2083

Deuteranopia

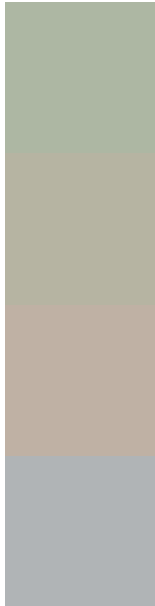
46.0922, 45.1603, 41.8848



Tritanopia

44.1058, 45.5554, 56.9205

Trichromacy



Original Color

40.7779, 45.3956, 41.2633

Protanomaly

42.1342, 45.1962, 40.6855

Deuteranomaly

43.9088, 45.2010, 41.5324

Tritanomaly

42.6693, 45.2500, 50.7412

Monochromacy



Original Color

40.7779, 45.3956, 41.2633

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.7686, 44.8898, 45.9983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7779, 45.3956, 41.2633 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, 183, 163)` looks like.

```
.text, #text, p{  
    color:rgb(173, 183, 163)  
}
```

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, 183, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 183, 163) }
```

Border

The CSS property to change the border of an element to XYZ 40.7779, 45.3956, 41.2633 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, 183, 163) }
```


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

```
.border{ border-color:rgb(173, 183, 163) }
```

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

Here you see how a box with a 4 pixel rgb(173, 183, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 183, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 183, 163);  
box-shadow:4px 4px 4px 4px rgb(173, 183,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7779, 45.3956, 41.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 183, 163) }
```

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

```
.background{ background-color: rgb(173,  
183, 163) }
```

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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