

Converting Colors

XYZ(40.7356, 43.4459, 45.9461)

Have a look what the booklet for
XYZ(40.7356, 43.4459, 45.9461)
contains.

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Color

**XYZ(40.7205, 43.4601,
45.7776)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB1AD
RGB	174, 177, 173
RGB Percent	68%, 69%, 68%
CMY	0.3176, 0.3059, 0.3216
CMYK	0.02, 0.00, 0.02, 0.31
HSL	105°, 3%, 69%
HSV	105°, 2%, 69%
XYZ	40.7205, 43.4601, 45.7776
YIQ	175.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

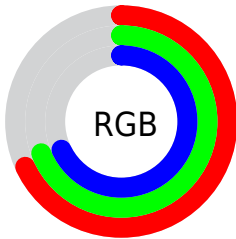
Format	Color
RYB	173, 177, 176
Decimal	11448749
CIELab	71.87, -1.80, 1.66
CIELCh	72, 2.454, 137.275
Yxy	43.4601, 0.3133, 0.3344
Android (android.graphics.Color)	4289638829 (0xFFAEB1AD)
YUV	175.6470, -1.3050, -1.4444
Hunter-Lab	65.9243, -5.1105, 4.9762

Details

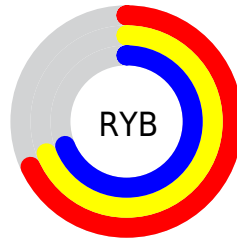
The XYZ color **40.7205, 43.4601, 45.7776** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7856, 42.2928, 47.6109**, and the grayscale version is **41.0909, 43.2308, 47.0783**.

A 20% lighter version of the original color is **75.4556, 80.5373, 84.9671**, and **18.6849, 19.9334, 20.9519** is the 20% darker color. If you saturate the color by 10%, you get **36.3064, 41.3708, 37.2148**, and if you desaturate by 10%, it is **45.6566, 45.7948, 55.5512**.

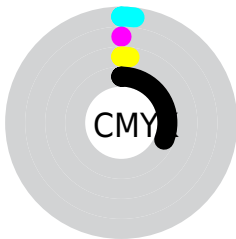
Distribution



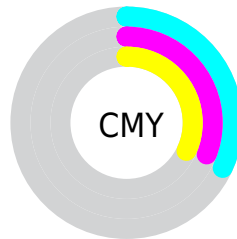
- Red (68%)
- Green (69%)
- Blue (68%)



- Red (68%)
- Yellow (69%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7205, 43.4601, 45.7776 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 40.7205, 43.4601, 45.7776 by changing the saturation by 10% instead.

■ 40.7205, 43.4601,
45.7776

■ 40.7205, 43.4601,
45.7776

340.2337,
360.5005, 386.1654

■ 28.2875, 30.2463,
31.7230

■ 75.5368, 80.4047,
85.2168

■ 18.6840, 20.0256,
20.8869

98.6508, 104.9043,
111.4385

■ 11.5448, 12.4137,
12.8509

126.0558,
133.9346, 142.5529

■ 6.5045, 7.0261,
7.1965

158.1172,
167.8800, 178.9787

■ 3.1978, 3.4784,
3.5050

195.2003,
207.1249, 221.1342

■ 1.2592, 1.3863,
1.3579

237.6705,

■ 0.1524, 0.2066,

252.0537, 269.4382

0.1085

285.8932,
303.0508, 324.3090

■ 0.0000, 0.0000,
0.0000

■ 40.7205, 43.4601,
45.7776

■ 40.7205, 43.4601,
45.7776

■ 36.3064, 41.3708,
37.2148

■ 45.6566, 45.7948,
55.5512

■ 32.3933, 39.5133,
29.8129

■ 51.1274, 48.3767,
66.5772

■ 28.9642, 37.8812,
23.5227

■ 57.1499, 51.2150,
78.8987

■ 25.9995, 36.4656,
18.2906

■ 63.7393, 54.3164,
92.5559

■ 23.4786, 35.2571,
14.0582

■ 69.8449, 57.2618,
101.9791

■ 21.3790, 34.2454,
10.7618

■ 74.5299, 59.6770,
102.1984

■ 19.6762, 33.4197,
8.3302

■ 75.0130, 59.9260,
102.2210

■ 18.3427, 32.7673,
6.6819

■ 17.3474, 32.2745,
5.7201

Harmonies

Analogous

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



41.0696, 43.4601, 45.1587



40.7205, 43.4601, 45.7776



40.5293, 43.4601, 46.8159

Triad

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



40.7205, 43.4601, 45.7776



41.1309, 43.4601, 49.5993



42.0790, 43.4601, 46.6411

Complementary

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



40.7205, 43.4601, 45.7776



40.7856, 42.2928, 47.6109

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.



42.0957, 43.4601, 47.8290



40.7205, 43.4601, 45.7776



41.5464, 43.4601, 49.5505

Square

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



40.7205, 43.4601, 45.7776



40.7652, 43.4601, 49.0301



41.9002, 43.4601, 48.8980



41.8547, 43.4601, 45.6515

Rectangle

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



40.7205, 43.4601, 45.7776



40.5162, 43.4601, 47.6124



41.9002, 43.4601, 48.8980



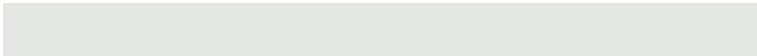
42.1091, 43.4601, 47.0301

Sweetspot

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



40.7217, 43.4620, 45.7785



73.9759, 78.3308, 84.0419



41.2014, 43.4169, 45.7446



16.0419, 16.9804, 18.2333



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



40.7217, 43.4620, 45.7785



72.2695, 77.5235, 80.6947



40.5971, 43.3865, 46.2802



9.1507, 9.8588, 10.1573



12.1982, 23.1985, 3.8348



0.4381, 0.7579, 0.1232

Inverse Universe

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



40.7856, 42.2928, 47.6109



72.4231, 74.7131, 85.0993



40.9131, 42.3700, 47.0980



9.1745, 9.4223, 10.8415



12.7928, 5.9307, 30.6075



0.4521, 0.2121, 0.9654

Previews

White Background



This preview shows how the XYZ color 40.7205, 43.4601, 45.7776 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 40.7205, 43.4601, 45.7776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

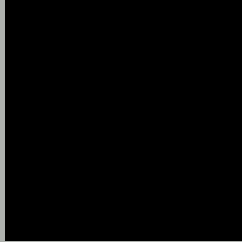
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

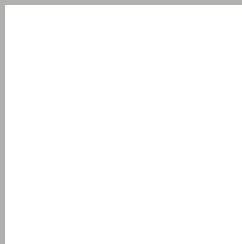
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7205, 43.4601, 45.7776

Background



This preview shows how black text looks on a background with the XYZ color 40.7205, 43.4601, 45.7776.



This preview shows how white text looks on a background with the XYZ color 40.7205, 43.4601,

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

40.7205, 43.4601, 45.7776

Protanopia

41.5988, 43.3418, 45.2030

Deuteranopia

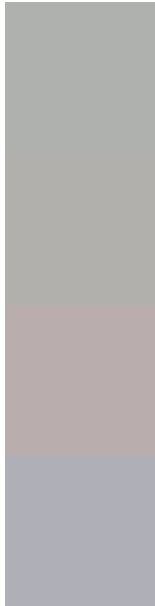
44.0070, 43.1429, 46.0524



Tritanopia

42.3116, 43.5209, 53.7473

Trichromacy



Original Color

40.7205, 43.4601, 45.7776

Protanomaly

41.3318, 43.4942, 45.2465

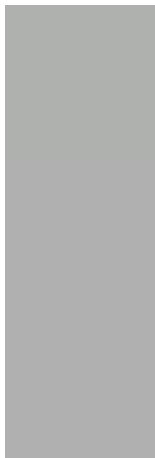
Deuteranomaly

42.8333, 43.3822, 46.1605

Tritanomaly

41.7518, 43.5835, 51.0117

Monochromacy



Original Color

40.7205, 43.4601, 45.7776

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.9424, 43.2598, 46.7495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7205, 43.4601, 45.7776 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(174, 177, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 177, 173)  
}
```

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(174, 177, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 177, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.7205, 43.4601, 45.7776 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(174, 177, 173) }
```


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

```
.border{ border-color:rgb(174, 177, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 177, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 177, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 177, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 177,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7205, 43.4601, 45.7776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 177, 173) }
```

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

```
.background{ background-color: rgb(174,  
177, 173) }
```

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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