

Converting Colors

XYZ(42.4519, 45.2096, 38.0462)

Have a look what the booklet for
XYZ(42.4519, 45.2096, 38.0462)
contains.

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Color

**XYZ(42.3705, 45.0796,
37.9206)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB39C
RGB	186, 179, 156
RGB Percent	73%, 70%, 61%
CMY	0.2706, 0.2980, 0.3882
CMYK	0.00, 0.04, 0.16, 0.27
HSL	46°, 18%, 67%
HSV	46°, 16%, 73%
XYZ	42.3705, 45.0796, 37.9206
YIQ	178.4710, 11.5550, -5.6690

Conversions

Conversions Part 2

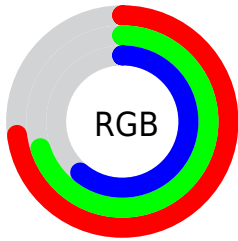
Format	Color
RYB	165, 186, 156
Decimal	12235676
CIELab	72.94, -1.43, 12.64
CIELCh	73, 12.719, 96.437
Yxy	45.0796, 0.3380, 0.3596
Android (android.graphics.Color)	4290425756 (0xFFBAB39C)
YUV	178.4710, -11.0782, 6.6029
Hunter-Lab	67.1413, -4.8524, 13.5127

Details

The XYZ color **42.3705, 45.0796, 37.9206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **35.6702, 36.8066, 51.6789**, and the grayscale version is **42.6201, 44.8397, 48.8304**.

A 20% lighter version of the original color is **78.0842, 82.9971, 73.5326**, and **19.6835, 20.9282, 16.3667** is the 20% darker color. If you saturate the color by 10%, you get **40.0593, 42.7874, 29.9656**, and if you desaturate by 10%, it is **44.9527, 47.5270, 47.1569**.

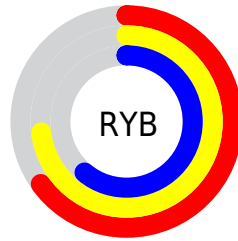
Distribution



Red (73%)

Green (70%)

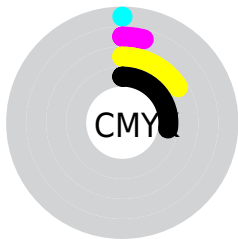
Blue (61%)



Red (65%)

Yellow (73%)

Blue (61%)

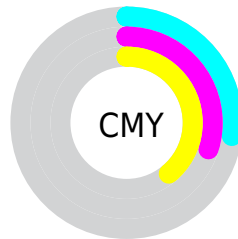


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3705, 45.0796, 37.9206 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 42.3705, 45.0796, 37.9206 by changing the saturation by 10% instead.

■ 42.3705, 45.0796,
37.9206

■ 42.3705, 45.0796,
37.9206

346.9821,
367.0958, 352.5672

■ 29.5839, 31.5201,
25.6197

■ 78.0217, 82.8398,
73.1885

■ 19.6695, 20.9952,
16.3162

■ 101.6170,
107.8094, 96.9926

■ 12.2619, 13.1205,
9.5914

129.5459,
137.3511, 125.4682

■ 6.9957, 7.5116,
5.0268

162.1738,
171.8494, 159.0338

■ 3.5057, 3.7841,
2.2040

199.8660,
211.6886, 198.1079

■ 1.4265, 1.5535,
0.6767

242.9879,

■ 0.2750, 0.3259,

257.2532, 243.1092

0.0000

291.9048,
308.9274, 294.4561

■ 0.0000, 0.0000,
0.0000

■ 42.3705, 45.0796,
37.9206

■ 42.3705, 45.0796,
37.9206

■ 40.0593, 42.7874,
29.9656

■ 44.9527, 47.5270,
47.1569

■ 38.0043, 40.6396,
23.2315

■ 47.8128, 50.1281,
57.7258

■ 36.1946, 38.6328,
17.6570

■ 50.9618, 52.8894,
69.6789

■ 34.6173, 36.7616,
13.1745

■ 54.4092, 55.8149,
83.0647

■ 33.2578, 35.0196,
9.7094

■ 58.1638, 58.9086,
97.9288

■ 32.1000, 33.4000,
7.1776

■ 60.1381, 61.3358,
103.2771

■ 31.1250, 31.8948,
5.4815

■ 61.1903, 63.4403,
103.6279

■ 30.3088, 30.4941,
4.4953

■ 62.2715, 65.6027,
103.9883

■ 30.0162, 29.9720,
4.2031

■ 63.3820, 67.8236,
104.3584

Harmonies

Analogous

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



44.5743, 45.0796, 38.7187



42.3705, 45.0796, 37.9206



40.3636, 45.0796, 39.8994

Triad

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



42.3705, 45.0796, 37.9206



39.5067, 45.0796, 56.7011



46.8758, 45.0796, 54.1300

Complementary

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



42.3705, 45.0796, 37.9206



35.6702, 36.8066, 51.6789

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.



45.4299, 45.0796, 59.5799



42.3705, 45.0796, 37.9206



41.1645, 45.0796, 61.1515

Square

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



42.3705, 45.0796, 37.9206



38.7474, 45.0796, 50.4660



43.3267, 45.0796, 62.2479



47.2256, 45.0796, 47.7275

Rectangle

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



42.3705, 45.0796, 37.9206



39.3906, 45.0796, 42.6368



43.3267, 45.0796, 62.2479



46.4994, 45.0796, 56.1505

Sweetspot

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



42.3717, 45.0816, 37.9216



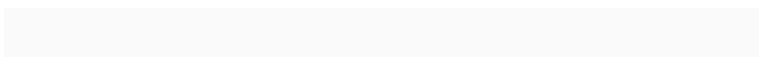
81.9973, 86.6248, 87.3627



38.7495, 36.8610, 39.7235



17.9800, 19.0048, 18.9572



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.3717, 45.0816, 37.9216



75.4137, 80.3586, 63.8935



41.9201, 46.9833, 38.3124



9.5679, 10.1387, 9.5596



20.2532, 20.2827, 2.8475



0.7579, 0.8028, 0.1150

Inverse Universe

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



35.6702, 36.8066, 51.6789



61.1896, 62.7957, 93.0972



36.0618, 35.2153, 51.3511



8.6866, 9.0504, 11.3685



6.6019, 3.6635, 31.6122



0.2812, 0.2261, 1.1306

Previews

White Background



This preview shows how the XYZ color 42.3705, 45.0796, 37.9206 looks on a white background.

Color Contrast Check

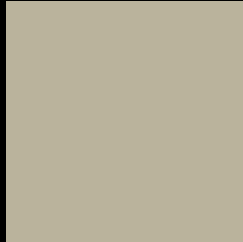
Large Text (above 18pt) WCAG AA × Fail

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 42.3705, 45.0796, 37.9206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

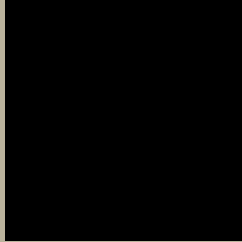
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3705, 45.0796, 37.9206

Background



This preview shows how black text looks on a background with the XYZ color 42.3705, 45.0796, 37.9206.



This preview shows how white text looks on a background with the XYZ color 42.3705, 45.0796,

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

42.3705, 45.0796, 37.9206

Protanopia

42.8599, 45.3319, 37.9435

Deuteranopia

45.7402, 44.7767, 38.1303



Tritanopia

45.4484, 44.8501, 53.8385

Trichromacy



Original Color

42.3705, 45.0796, 37.9206

Protanomaly

42.6144, 45.2053, 37.9320

Deuteranomaly

44.4417, 44.9646, 38.2350

Tritanomaly

44.3481, 45.0041, 47.4236

Monochromacy



Original Color

42.3705, 45.0796, 37.9206

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2321, 44.5668, 44.4066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3705, 45.0796, 37.9206 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(186, 179, 156)` looks like.

```
.text, #text, p{  
    color:rgb(186, 179, 156)  
}
```

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(186, 179, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 179, 156) }
```

Border

The CSS property to change the border of an element to XYZ 42.3705, 45.0796, 37.9206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

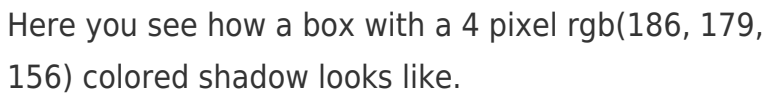
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 179, 156) }
```


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

```
.border{ border-color:rgb(186, 179, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 179, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 179, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 179, 156);  
box-shadow:4px 4px 4px 4px rgb(186, 179,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3705, 45.0796, 37.9206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 179, 156) }
```

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

```
.background{ background-color: rgb(186,  
179, 156) }
```

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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