

Converting Colors

XYZ(42.7263, 43.4506, 45.3965)

Have a look what the booklet for
XYZ(42.7263, 43.4506, 45.3965)
contains.

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Color

**XYZ(42.6397, 43.3048,
45.1410)**

Conversions

Conversions Part 1

Format	Color
Hex	BAADAC
RGB	186, 173, 172
RGB Percent	73%, 68%, 67%
CMY	0.2706, 0.3216, 0.3255
CMYK	0.00, 0.07, 0.08, 0.27
HSL	4°, 9%, 70%
HSV	4°, 8%, 73%
XYZ	42.6397, 43.3048, 45.1410
YIQ	176.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

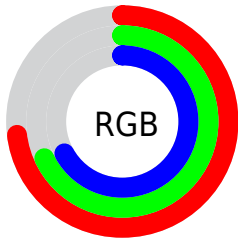
Format	Color
RYB	186, 173, 172
Decimal	12234156
CIELab	71.76, 4.48, 2.18
CIELCh	72, 4.983, 25.968
Yxy	43.3048, 0.3253, 0.3304
Android (android.graphics.Color)	4290424236 (0xFFBAADAC)
YUV	176.7730, -2.3531, 8.0921
Hunter-Lab	65.8064, 0.4991, 5.3935

Details

The XYZ color **42.6397, 43.3048, 45.1410** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.2251, 47.0131, 53.2512**, and the grayscale version is **41.6809, 43.8515, 47.7543**.

A 20% lighter version of the original color is **78.2265, 79.9101, 83.9743**, and **19.9004, 20.0174, 20.5842** is the 20% darker color. If you saturate the color by 10%, you get **37.8774, 36.4413, 35.3485**, and if you desaturate by 10%, it is **48.0825, 51.1280, 56.3950**.

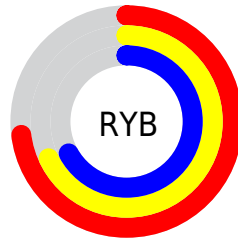
Distribution



Red (73%)

Green (68%)

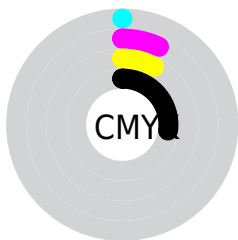
Blue (67%)



Red (73%)

Yellow (68%)

Blue (67%)

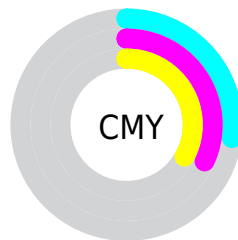


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6397, 43.3048, 45.1410 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 42.6397, 43.3048, 45.1410 by changing the saturation by 10% instead.

■ 42.6397, 43.3048,
45.1410

■ 42.6397, 43.3048,
45.1410

348.0746,
359.8638, 383.5211

■ 29.7958, 30.1243,
31.2247

■ 78.4260, 80.1706,
84.2526

■ 19.8310, 19.9330,
20.5101

102.0991,
104.6248, 110.2851

■ 12.3798, 12.3463,
12.5787

130.1126,
133.6056, 141.1934

■ 7.0769, 6.9800,
7.0118

162.8320,
167.4975, 177.3961

■ 3.5570, 3.4496,
3.3909

200.6225,
206.6849, 219.3116

■ 1.4547, 1.3707,
1.2975

243.8496,

■ 0.2947, 0.1950,

251.5521, 267.3586

0.0598

292.8785,
302.4836, 321.9556

■ 0.0000, 0.0000,
0.0000

■ 42.6397, 43.3048,
45.1410

■ 42.6397, 43.3048,
45.1410

■ 37.8774, 36.4413,
35.3485

■ 48.0825, 51.1280,
56.3950

■ 33.7652, 30.4950,
26.9548

■ 54.2272, 59.9399,
69.1639

■ 30.2761, 25.4290,
19.8969

■ 61.0988, 69.7753,
83.5021

■ 27.3796, 21.2012,
14.1059

■ 68.7202, 80.6656,
99.4604

■ 25.0427, 17.7666,
9.5066

■ 74.0600, 89.1792,
107.9177

■ 23.2291, 15.0755,
6.0162

■ 21.8983, 13.0730,
3.5410

■ 21.0038, 11.6962,
1.9717

■ 20.4851, 10.8691,
1.1504

Harmonies

Analogous

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



42.8039, 43.3048, 47.4799



42.6397, 43.3048, 45.1410



42.0770, 43.3048, 43.3953

Triad

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



42.6397, 43.3048, 45.1410



39.8265, 43.3048, 44.5922



41.0456, 43.3048, 51.9529

Complementary

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



42.6397, 43.3048, 45.1410



43.2251, 47.0131, 53.2512

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.



40.2563, 43.3048, 51.1185



42.6397, 43.3048, 45.1410



39.5585, 43.3048, 46.8248

Square

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



42.6397, 43.3048, 45.1410



40.4518, 43.3048, 43.0861



39.7148, 43.3048, 49.2210



41.8763, 43.3048, 51.4650

Rectangle

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



42.6397, 43.3048, 45.1410



41.5556, 43.3048, 42.7749



39.7148, 43.3048, 49.2210



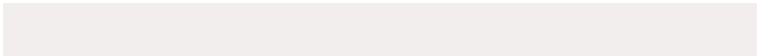
40.7668, 43.3048, 51.8170

Sweetspot

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



42.6409, 43.3067, 45.1419



82.5516, 86.0645, 92.6925



43.7669, 43.4504, 52.0165



18.2019, 18.9854, 20.4592



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.



42.6409, 43.3067, 45.1419



75.8054, 76.3604, 78.7650



44.0045, 46.0339, 45.5965



9.0549, 9.1128, 9.3886



13.7447, 7.2658, 0.6780



0.5021, 0.2912, 0.0297

Inverse Universe

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



43.2251, 47.0131, 53.2512



77.0783, 84.4372, 96.4369



41.8105, 44.1838, 52.7797



9.2101, 10.0975, 11.5430



15.9971, 22.4539, 34.7440



0.5805, 0.8246, 1.2303

Previews

White Background



This preview shows how the XYZ color 42.6397, 43.3048, 45.1410 looks on a white background.

Color Contrast Check

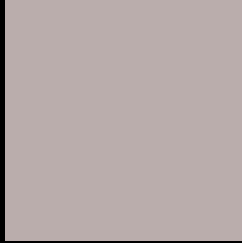
Large Text (above 18pt) WCAG AA × Fail

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 42.6397, 43.3048, 45.1410 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 42.6397, 43.3048, 45.1410

Background



This preview shows how black text looks on a background with the XYZ color 42.6397, 43.3048, 45.1410.



This preview shows how white text looks on a background with the XYZ color 42.6397, 43.3048,

45.1410.

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

42.6397, 43.3048, 45.1410

Protanopia

41.6952, 43.3804, 45.7108

Deuteranopia

44.1657, 43.2359, 45.5527



Tritanopia

44.0589, 43.3200, 51.9384

Trichromacy



Original Color

42.6397, 43.3048, 45.1410

Protanomaly

41.9703, 43.2343, 45.6681

Deuteranomaly

43.5916, 43.2193, 45.5798

Tritanomaly

43.4843, 43.3651, 49.2585

Monochromacy



Original Color

42.6397, 43.3048, 45.1410

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.0856, 43.8491, 46.8030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6397, 43.3048, 45.1410 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, 173, 172) looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 172)  
}
```

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, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 172) }
```

Border

The CSS property to change the border of an element to XYZ 42.6397, 43.3048, 45.1410 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, 173, 172) }
```


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

```
.border{ border-color:rgb(186, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6397, 43.3048, 45.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 172) }
```

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

```
.background{ background-color: rgb(186,  
173, 172) }
```

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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