

Converting Colors

XYZ(42.5534, 43.1693, 41.9448)

Have a look what the booklet for
XYZ(42.5534, 43.1693, 41.9448)
contains.

XYZ(42.6217, 43.0770, 42.1447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.6217, 43.0770,
42.1447)**

Conversions

Conversions Part 1

Format	Color
Hex	BDACA6
RGB	189, 172, 166
RGB Percent	74%, 67%, 65%
CMY	0.2588, 0.3255, 0.3490
CMYK	0.00, 0.09, 0.12, 0.26
HSL	16°, 15%, 70%
HSV	16°, 12%, 74%
XYZ	42.6217, 43.0770, 42.1447
YIQ	176.3990, 12.0580, 1.7380

Conversions

Conversions Part 2

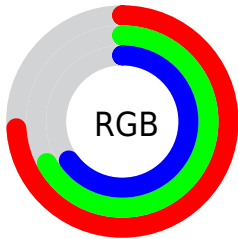
Format	Color
RYB	189, 174, 166
Decimal	12430502
CIELab	71.61, 5.09, 5.29
CIELCh	72, 7.343, 46.109
Yxy	43.0770, 0.3334, 0.3370
Android (android.graphics.Color)	4290620582 (0xFFBDACA6)
YUV	176.3990, -5.1267, 11.0511
Hunter-Lab	65.6331, 1.0589, 7.8715

Details

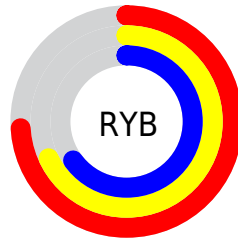
The XYZ color **42.6217, 43.0770, 42.1447** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8445, 45.6472, 54.7499**, and the grayscale version is **41.4976, 43.6587, 47.5443**.

A 20% lighter version of the original color is **78.1764, 79.5711, 79.6450**, and **19.9071, 19.8821, 18.7080** is the 20% darker color. If you saturate the color by 10%, you get **38.4941, 37.3953, 32.8346**, and if you desaturate by 10%, it is **47.2859, 49.4233, 52.8918**.

Distribution



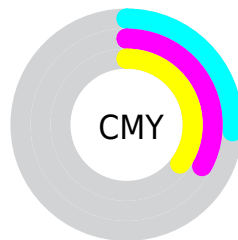
- Red (74%)
- Green (67%)
- Blue (65%)



- Red (74%)
- Yellow (68%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (26%)




- Cyan (26%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6217, 43.0770, 42.1447 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 42.6217, 43.0770, 42.1447 by changing the saturation by 10% instead.


 42.6217, 43.0770,
42.1447

 42.6217, 43.0770,
42.1447


348.0016,
358.9283, 370.8998

 29.7816, 29.9455,
28.8882


 78.3990, 79.8270,
79.6910

 19.8202, 19.7973,
18.7514


 102.0669,
104.2144, 104.8179

 12.3719, 12.2478,
11.3158

130.0748,
133.1225, 134.7387

 7.0715, 6.9126,
6.1628

162.7880,
166.9358, 169.8719

 3.5536, 3.4075,
2.8740

200.5720,
206.0386, 210.6361

 1.4528, 1.3480,
1.0306

243.7920,

 0.2934, 0.1779,

250.8154, 257.4498

0.0000

292.8134,
301.6505, 310.7315

■ 0.0000, 0.0000,
0.0000

■ 42.6217, 43.0770,
42.1447

■ 42.6217, 43.0770,
42.1447

■ 38.4941, 37.3953,
32.8346

■ 47.2859, 49.4233,
52.8918

■ 34.8800, 32.3507,
24.8975

■ 52.5017, 56.4490,
65.1306

■ 31.7595, 27.9225,
18.2688

■ 58.2881, 64.1756,
78.9163

■ 29.1102, 24.0864,
12.8775

■ 64.6618, 72.6222,
94.3005

■ 26.9081, 20.8166,
8.6457

■ 70.7406, 81.4472,
106.6002

■ 25.1264, 18.0852,
5.4867

■ 74.7964, 89.5589,
107.9521

■ 23.7355, 15.8619,
3.3015

■ 22.7013, 14.1129,
1.9721

■ 22.0987, 13.0434,
1.3529

Harmonies

Analogous

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



43.2812, 43.0770, 45.0311



42.6217, 43.0770, 42.1447



41.5195, 43.0770, 40.5717

Triad

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



42.6217, 43.0770, 42.1447



38.6683, 43.0770, 45.2804



41.6097, 43.0770, 53.7870

Complementary

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



42.6217, 43.0770, 42.1447



41.8445, 45.6472, 54.7499

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.



40.3727, 43.0770, 53.8621



42.6217, 43.0770, 42.1447



38.6913, 43.0770, 48.8272

Square

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



42.6217, 43.0770, 42.1447



39.2462, 43.0770, 42.3192



39.3097, 43.0770, 52.0078



42.6889, 43.0770, 51.8075

Rectangle

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



42.6217, 43.0770, 42.1447



40.6898, 43.0770, 40.4255



39.3097, 43.0770, 52.0078



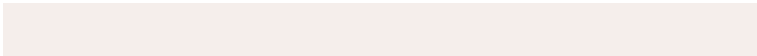
41.1981, 43.0770, 54.0390

Sweetspot

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



42.6229, 43.0789, 42.1456



83.0307, 86.2706, 90.8790



43.1963, 41.5212, 50.6745



17.7155, 18.3623, 19.2191



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.



42.6229, 43.0789, 42.1456



73.9660, 73.9035, 70.0925



44.8548, 47.5427, 42.8896



9.7272, 9.9305, 9.9807



14.9224, 8.8836, 0.9282



0.6398, 0.4585, 0.0548

Inverse Universe

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



41.8445, 45.6472, 54.7499



72.2559, 79.5420, 97.7711



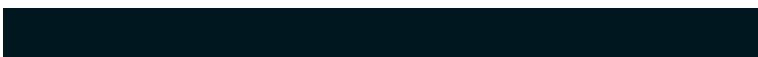
39.6168, 41.1917, 54.0073



9.5921, 10.3766, 12.1695



12.5221, 15.1558, 34.6583



0.5408, 0.6944, 1.3744

Previews

White Background



This preview shows how the XYZ color 42.6217, 43.0770, 42.1447 looks on a white background.

Color Contrast Check

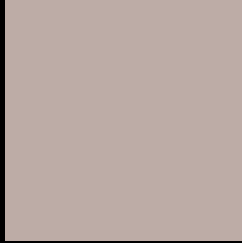
Large Text (above 18pt) WCAG AA × Fail

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 42.6217, 43.0770, 42.1447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

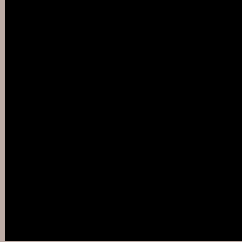
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6217, 43.0770, 42.1447

Background



This preview shows how black text looks on a background with the XYZ color 42.6217, 43.0770, 42.1447.



This preview shows how white text looks on a background with the XYZ color 42.6217, 43.0770,

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

42.6217, 43.0770, 42.1447

Protanopia

41.2202, 43.1904, 43.2098

Deuteranopia

44.0226, 43.2384, 42.1020



Tritanopia

44.2211, 42.8712, 50.7440

Trichromacy



Original Color

42.6217, 43.0770, 42.1447

Protanomaly

41.6395, 43.1294, 42.6894

Deuteranomaly

43.4382, 43.2165, 42.1286

Tritanomaly

43.5457, 42.8709, 47.5748

Monochromacy



Original Color

42.6217, 43.0770, 42.1447

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8324, 43.4623, 45.2140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6217, 43.0770, 42.1447 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(189, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 166)  
}
```

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(189, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 166) }
```

Border

The CSS property to change the border of an element to XYZ 42.6217, 43.0770, 42.1447 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(189, 172, 166) }
```


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

```
.border{ border-color:rgb(189, 172, 166) }
```

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

Here you see how a box with a 4 pixel rgb(189, 172, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 172, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 172, 166);  
box-shadow:4px 4px 4px 4px rgb(189, 172,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6217, 43.0770, 42.1447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 166) }
```

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

```
.background{ background-color: rgb(189,  
172, 166) }
```

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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