

Converting Colors

XYZ(43.3713, 44.9463, 42.4676)

Have a look what the booklet for
XYZ(43.3713, 44.9463, 42.4676)
contains.

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Color

**XYZ(43.3441, 44.8888,
42.4563)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB1A6
RGB	188, 177, 166
RGB Percent	74%, 69%, 65%
CMY	0.2627, 0.3059, 0.3490
CMYK	0.00, 0.06, 0.12, 0.26
HSL	30°, 14%, 69%
HSV	30°, 12%, 74%
XYZ	43.3441, 44.8888, 42.4563
YIQ	179.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

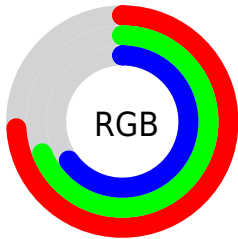
Format	Color
RYB	188, 188, 166
Decimal	12366246
CIELab	72.82, 2.02, 7.02
CIELCh	73, 7.306, 73.957
Yxy	44.8888, 0.3317, 0.3435
Android (android.graphics.Color)	4290556326 (0xFFBCB1A6)
YUV	179.0350, -6.4263, 9.8623
Hunter-Lab	66.9991, -1.7704, 9.3282

Details

The XYZ color **43.3441, 44.8888, 42.4563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.5250, 43.1813, 53.7763**, and the grayscale version is **42.8968, 45.1308, 49.1474**.

A 20% lighter version of the original color is **79.4983, 82.7314, 80.1854**, and **20.2366, 20.7811, 18.8642** is the 20% darker color. If you saturate the color by 10%, you get **39.9518, 40.6650, 33.4301**, and if you desaturate by 10%, it is **47.1189, 49.4731, 52.8549**.

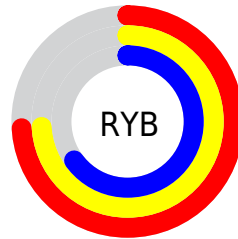
Distribution



Red (74%)

Green (69%)

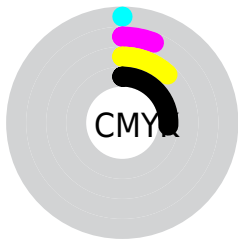
Blue (65%)



Red (74%)

Yellow (74%)

Blue (65%)

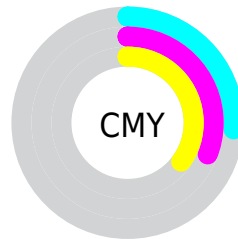


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (26%)



Cyan (26%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3441, 44.8888, 42.4563 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 43.3441, 44.8888, 42.4563 by changing the saturation by 10% instead.


 43.3441, 44.8888,
42.4563


 43.3441, 44.8888,
42.4563


350.9225,
366.3230, 372.2263

 30.3509, 31.3698,
29.1305


 79.4823, 82.5535,
80.1673

 20.2545, 20.8806,
18.9331


 103.3581,
107.4681, 105.3896

 12.6895, 13.0368,
11.4457


131.5920,
136.9500, 135.4144

 7.2906, 7.4539,
6.2495

164.5496,
171.3836, 170.6604

 3.6924, 3.7475,
2.9262

202.5960,
211.1533, 211.5460

 1.5296, 1.5334,
1.0571

246.0968,

 0.3459, 0.3120,

256.6435, 258.4899

0.0000

295.4172,
308.2386, 311.9105

■ 0.0000, 0.0000,
0.0000

■ 43.3441, 44.8888,
42.4563

■ 43.3441, 44.8888,
42.4563

■ 39.9518, 40.6650,
33.4301

■ 47.1189, 49.4731,
52.8549

■ 36.9248, 36.7862,
25.7151

■ 51.2851, 54.4211,
64.6777

■ 34.2500, 33.2445,
19.2499

■ 55.8561, 59.7432,
77.9774

■ 31.9120, 30.0295,
13.9669

■ 60.8434, 65.4481,
92.8030

■ 29.8942, 27.1298,
9.7920

■ 65.4421, 71.2172,
104.9049

■ 28.1781, 24.5335,
6.6427

■ 68.0377, 76.4085,
105.7701

■ 26.7429, 22.2274,
4.4247

■ 70.7751, 81.8832,
106.6825

■ 25.5643, 20.1968,
3.0257

■ 73.6564, 87.6458,
107.6430

■ 24.7447, 18.7023,
2.3057

■ 74.5492, 89.4315,
107.9406

Harmonies

Analogous

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



44.4482, 44.8888, 44.1792



43.3441, 44.8888, 42.4563



42.0790, 44.8888, 42.3963

Triad

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



43.3441, 44.8888, 42.4563



40.3384, 44.8888, 50.5832



44.3836, 44.8888, 54.0873

Complementary

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



43.3441, 44.8888, 42.4563



40.5250, 43.1813, 53.7763

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.



43.2574, 44.8888, 55.9850



43.3441, 44.8888, 42.4563



40.9310, 44.8888, 53.8950

Square

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



43.3441, 44.8888, 42.4563



40.3606, 44.8888, 46.9683



41.9939, 44.8888, 55.9129



45.0565, 44.8888, 50.8352

Rectangle

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



43.3441, 44.8888, 42.4563



41.3155, 44.8888, 43.3000



41.9939, 44.8888, 55.9129



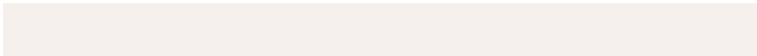
44.0445, 44.8888, 54.9118

Sweetspot

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



43.3453, 44.8908, 42.4573



83.7153, 87.6397, 91.1072



42.3116, 41.1387, 47.3060



17.8890, 18.7093, 19.2769



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.



43.3453, 44.8908, 42.4573



76.9378, 79.3612, 72.5814



45.6057, 49.4115, 43.2107



9.9138, 10.3035, 10.0429



16.9217, 12.8821, 1.5946



0.7283, 0.6355, 0.0843

Inverse Universe

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



40.5250, 43.1813, 53.7763



70.8294, 75.6587, 97.0967



38.4398, 39.0109, 53.0813



9.3998, 9.9920, 12.1054



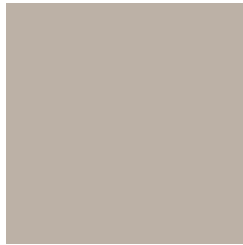
8.9779, 8.0676, 33.4769



0.4171, 0.4469, 1.3331

Previews

White Background



This preview shows how the XYZ color 43.3441, 44.8888, 42.4563 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 43.3441, 44.8888, 42.4563 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

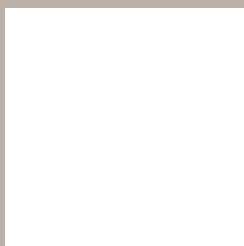
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3441, 44.8888, 42.4563

Background



This preview shows how black text looks on a background with the XYZ color 43.3441, 44.8888, 42.4563.



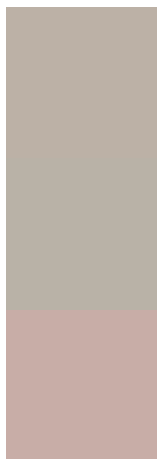
This preview shows how white text looks on a background with the XYZ color 43.3441, 44.8888,

42.4563.

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

43.3441, 44.8888, 42.4563

Protanopia

42.9030, 44.9451, 42.9733

Deuteranopia

45.7380, 44.9565, 42.8260



Tritanopia

45.5915, 44.9363, 53.2844

Trichromacy



Original Color

43.3441, 44.8888, 42.4563

Protanomaly

43.1451, 45.0699, 42.9846

Deuteranomaly

44.8761, 44.7979, 42.8409

Tritanomaly

44.7019, 44.8618, 48.9510

Monochromacy



Original Color

43.3441, 44.8888, 42.4563

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8518, 44.8419, 46.4412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3441, 44.8888, 42.4563 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(188, 177, 166)` looks like.

```
.text, #text, p{  
    color:rgb(188, 177, 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(188, 177, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 177, 166) }
```

Border

The CSS property to change the border of an element to XYZ 43.3441, 44.8888, 42.4563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

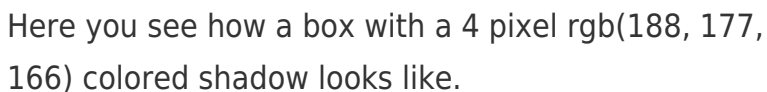
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 177, 166) }
```


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

```
.border{ border-color:rgb(188, 177, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 177, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 177, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 177, 166);  
box-shadow:4px 4px 4px 4px rgb(188, 177,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3441, 44.8888, 42.4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 177, 166) }
```

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

```
.background{ background-color: rgb(188,  
177, 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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