

Converting Colors

XYZ(42.8463, 44.4321, 38.2163)

Have a look what the booklet for
XYZ(42.8463, 44.4321, 38.2163)
contains.

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Color

**XYZ(42.8463, 44.4321,
38.2163)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB09D
RGB	190, 176, 157
RGB Percent	75%, 69%, 62%
CMY	0.2549, 0.3098, 0.3843
CMYK	0.00, 0.07, 0.17, 0.25
HSL	35°, 20%, 68%
HSV	35°, 17%, 75%
XYZ	42.8463, 44.4321, 38.2163
YIQ	178.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

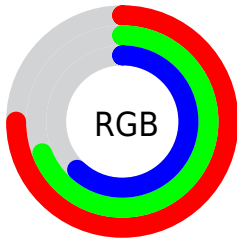
Format	Color
RYB	181, 190, 157
Decimal	12497053
CIELab	72.52, 1.84, 11.54
CIELCh	73, 11.683, 80.924
Yxy	44.4321, 0.3414, 0.3541
Android (android.graphics.Color)	4290687133 (0xFFBEB09D)
YUV	178.0200, -10.3629, 10.5065
Hunter-Lab	66.6574, -1.9136, 12.6678

Details

The XYZ color **42.8463, 44.4321, 38.2163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7616, 40.0107, 54.4481**, and the grayscale version is **42.3762, 44.5831, 48.5509**.

A 20% lighter version of the original color is **79.0980, 82.2408, 73.9925**, and **19.9625, 20.6902, 16.5771** is the 20% darker color. If you saturate the color by 10%, you get **39.8156, 40.7676, 29.8157**, and if you desaturate by 10%, it is **46.2255, 48.3891, 47.9787**.

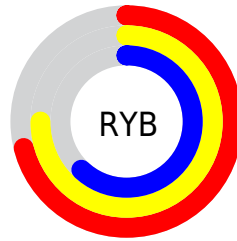
Distribution



Red (75%)

Green (69%)

Blue (62%)



Red (71%)

Yellow (75%)

Blue (62%)

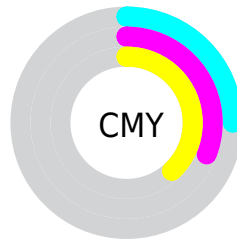


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8463, 44.4321, 38.2163 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 42.8463, 44.4321, 38.2163 by changing the saturation by 10% instead.


 42.8463, 44.4321,
38.2163


 42.8463, 44.4321,
38.2163


348.9115,
364.4687, 353.8729

 29.9585, 31.0104,
25.8475


 78.7360, 81.8676,
73.6466

 19.9550, 20.6067,
16.4848

 102.4687,
106.6501, 97.5452

 12.4704, 12.8368,
9.7098


130.5471,
135.9883, 126.1242

 7.1394, 7.3163,
5.1039

163.3365,
170.2666, 159.8020

 3.5965, 3.6607,
2.2486

201.2022,
209.8694, 198.9973

 1.4765, 1.4856,
0.7022

244.5098,

 0.3098, 0.2786,

255.1810, 244.1285

0.0000

293.6244,
306.5860, 295.6142

■ 0.0000, 0.0000,
0.0000

■ 42.8463, 44.4321,
38.2163

■ 42.8463, 44.4321,
38.2163

■ 39.8156, 40.7676,
29.8157

■ 46.2255, 48.3891,
47.9787

■ 37.1165, 37.3819,
22.7123

■ 49.9621, 52.6401,
59.1579

■ 34.7362, 34.2685,
16.8406

■ 54.0691, 57.1943,
71.8092

■ 32.6592, 31.4185,
12.1279

■ 58.5576, 62.0586,
85.9842

■ 30.8686, 28.8225,
8.4939

■ 63.4382, 67.2395,
101.7318

■ 29.3455, 26.4699,
5.8481

■ 66.0366, 71.6697,
104.9609

■ 28.0681, 24.3491,
4.0847

■ 68.2585, 76.1136,
105.7015

■ 27.0060, 22.4447,
3.0525

■ 70.5846, 80.7657,
106.4769

■ 26.7485, 21.9735,
2.8315

■ 73.0161, 85.6287,
107.2874

Harmonies

Analogous

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



44.7243, 44.4321, 40.2564



42.8463, 44.4321, 38.2163



40.8610, 44.4321, 38.7258

Triad

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



42.8463, 44.4321, 38.2163



38.7105, 44.4321, 52.4562



45.3151, 44.4321, 55.7257

Complementary

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



42.8463, 44.4321, 38.2163



37.7616, 40.0107, 54.4481

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.



43.6320, 44.4321, 59.5163



42.8463, 44.4321, 38.2163



39.8329, 44.4321, 57.5267

Square

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



42.8463, 44.4321, 38.2163



38.5152, 44.4321, 46.6475



41.6224, 44.4321, 60.2004



46.1792, 44.4321, 50.1529

Rectangle

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



42.8463, 44.4321, 38.2163



39.7408, 44.4321, 40.4605



41.6224, 44.4321, 60.2004



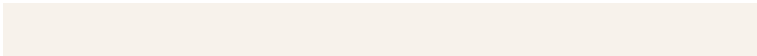
44.8239, 44.4321, 57.2686

Sweetspot

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



42.8475, 44.4341, 38.2172



85.2575, 89.4016, 91.3467



40.6719, 38.0134, 43.8723



18.6191, 19.5140, 19.7548



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



42.8475, 44.4341, 38.2172



75.3893, 77.8197, 62.9183



45.1894, 49.9275, 39.1542



9.9740, 10.4240, 10.0630



17.8652, 14.7692, 1.9091



0.7633, 0.7056, 0.0960

Inverse Universe

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



37.7616, 40.0107, 54.4481



64.3791, 68.2447, 98.0585



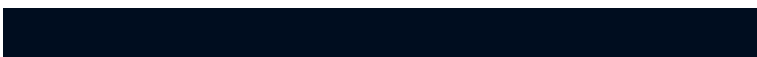
35.6896, 35.2237, 53.6333



9.3402, 9.8727, 12.0855



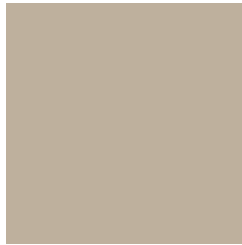
8.1906, 6.4929, 33.2145



0.3857, 0.3841, 1.3227

Previews

White Background



This preview shows how the XYZ color 42.8463, 44.4321, 38.2163 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 42.8463, 44.4321, 38.2163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

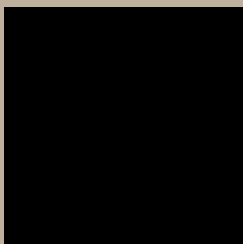
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

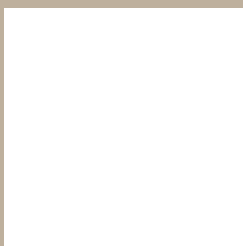
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8463, 44.4321, 38.2163

Background



This preview shows how black text looks on a background with the XYZ color 42.8463, 44.4321, 38.2163.



This preview shows how white text looks on a background with the XYZ color 42.8463, 44.4321,

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

42.8463, 44.4321, 38.2163

Protanopia

42.1434, 44.3520, 38.6873

Deuteranopia

45.0916, 44.1510, 38.4932



Tritanopia

45.7576, 44.4772, 52.0722

Trichromacy



Original Color

42.8463, 44.4321, 38.2163

Protanomaly

42.3872, 44.4777, 38.6988

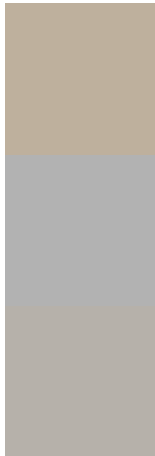
Deuteranomaly

44.4038, 44.3615, 38.5700

Tritanomaly

44.6738, 44.3197, 46.7574

Monochromacy



Original Color

42.8463, 44.4321, 38.2163

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2692, 44.2916, 44.3515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8463, 44.4321, 38.2163 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(190, 176, 157)` looks like.

```
.text, #text, p{  
    color:rgb(190, 176, 157)  
}
```

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(190, 176, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 176, 157) }
```

Border

The CSS property to change the border of an element to XYZ 42.8463, 44.4321, 38.2163 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(190, 176, 157) }
```


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

```
.border{ border-color:rgb(190, 176, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 176, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 176, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 176, 157);  
box-shadow:4px 4px 4px 4px rgb(190, 176,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8463, 44.4321, 38.2163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 176, 157) }
```

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

```
.background{ background-color: rgb(190,  
176, 157) }
```

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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