

Converting Colors

XYZ(43.4310, 43.8952, 42.1405)

Have a look what the booklet for
XYZ(43.4310, 43.8952, 42.1405)
contains.

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Color

**XYZ(43.3124, 43.7167,
42.2317)**

Conversions

Conversions Part 1

Format	Color
Hex	BFADA6
RGB	191, 173, 166
RGB Percent	75%, 68%, 65%
CMY	0.2510, 0.3216, 0.3490
CMYK	0.00, 0.09, 0.13, 0.25
HSL	17°, 16%, 70%
HSV	17°, 13%, 75%
XYZ	43.3124, 43.7167, 42.2317
YIQ	177.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

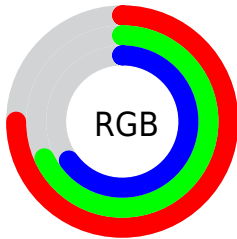
Format	Color
RYB	191, 176, 166
Decimal	12561830
CIELab	72.04, 5.29, 5.94
CIELCh	72, 7.949, 48.307
Yxy	43.7167, 0.3351, 0.3382
Android (android.graphics.Color)	4290751910 (0xFFBFADA6)
YUV	177.5840, -5.7109, 11.7658
Hunter-Lab	66.1186, 1.2227, 8.4129

Details

The XYZ color **43.3124, 43.7167, 42.2317** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2702, 46.1487, 55.9705**, and the grayscale version is **42.1226, 44.3163, 48.2604**.

A 20% lighter version of the original color is **79.1523, 80.4814, 79.7693**, and **20.1912, 20.2080, 18.7559** is the 20% darker color. If you saturate the color by 10%, you get **39.1869, 38.0642, 32.8448**, and if you desaturate by 10%, it is **47.9719, 50.0199, 53.0814**.

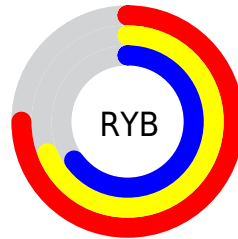
Distribution



Red (75%)

Green (68%)

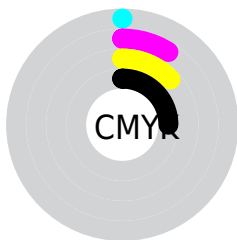
Blue (65%)



Red (75%)

Yellow (69%)

Blue (65%)

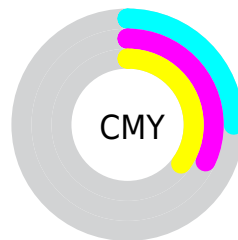


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3124, 43.7167, 42.2317 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 43.3124, 43.7167, 42.2317 by changing the saturation by 10% instead.


 43.3124, 43.7167,
42.2317


 43.3124, 43.7167,
42.2317


350.7947,
361.5510, 371.2705

 30.3259, 30.4479,
28.9558


 79.4348, 80.7913,
79.8240

 20.2354, 20.1788,
18.8021


 103.3015,
105.3658, 104.9776

 12.6755, 12.5251,
11.3520


131.5256,
134.4777, 134.9275

 7.2809, 7.1023,
6.1870

164.4724,
168.5113, 170.0922

 3.6863, 3.5262,
2.8885

202.5074,
207.8510, 210.8903

 1.5262, 1.4122,
1.0380

245.9959,

 0.3436, 0.2257,

252.8813, 257.7404

0.0000

295.3032,
303.9864, 311.0609

■ 0.0000, 0.0000,
0.0000

■ 43.3124, 43.7167,
42.2317

■ 43.3124, 43.7167,
42.2317

■ 39.1869, 38.0642,
32.8448

■ 47.9719, 50.0199,
53.0814

■ 35.5722, 33.0356,
24.8551

■ 53.1804, 56.9879,
65.4503

■ 32.4486, 28.6108,
18.1959

■ 58.9566, 64.6416,
79.3951

■ 29.7939, 24.7665,
12.7941

■ 65.3175, 72.9994,
94.9686

■ 27.5838, 21.4777,
8.5693

■ 71.2143, 81.6528,
106.6149

■ 25.7917, 18.7175,
5.4319

■ 75.2961, 89.8165,
107.9755

■ 24.3880, 16.4565,
3.2791

■ 23.3381, 14.6622,
1.9876

■ 22.7825, 13.6692,
1.4377

Harmonies

Analogous

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



44.0799, 43.7167, 45.2896



43.3124, 43.7167, 42.2317



42.0828, 43.7167, 40.6465

Triad

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



43.3124, 43.7167, 42.2317



39.0467, 43.7167, 46.1006



42.3770, 43.7167, 55.0581

Complementary

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



43.3124, 43.7167, 42.2317



42.2702, 46.1487, 55.9705

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.



41.0245, 43.7167, 55.3046



43.3124, 43.7167, 42.2317



39.1215, 43.7167, 49.9878

Square

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



43.3124, 43.7167, 42.2317



39.6320, 43.7167, 42.7976



39.8388, 43.7167, 53.4051



43.5318, 43.7167, 52.7490

Rectangle

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



43.3124, 43.7167, 42.2317



41.1753, 43.7167, 40.5775



39.8388, 43.7167, 53.4051



41.9298, 43.7167, 55.3894

Sweetspot

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



43.3136, 43.7186, 42.2326



85.0613, 88.4333, 93.0566



43.8094, 41.8241, 51.2952



18.5331, 19.2231, 20.0929



92.9021, 97.7402, 106.4391



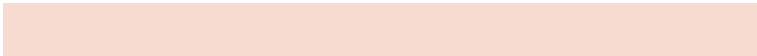
19.4759, 20.4902, 22.3138

Same Dimension

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



43.3136, 43.7186, 42.2326



75.1339, 74.9713, 70.0398



45.7532, 48.5978, 43.0458



9.7419, 9.9599, 9.9856



15.0318, 9.1023, 0.9647



0.6461, 0.4712, 0.0569

Inverse Universe

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



42.2702, 46.1487, 55.9705



72.8628, 80.2567, 99.9299



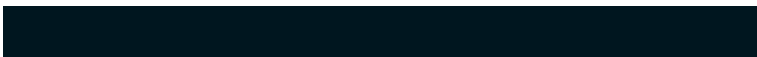
39.8512, 41.3108, 55.1642



9.5765, 10.3454, 12.1643



12.1760, 14.4637, 34.5429



0.5295, 0.6717, 1.3706

Previews

White Background



This preview shows how the XYZ color 43.3124, 43.7167, 42.2317 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 43.3124, 43.7167, 42.2317 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

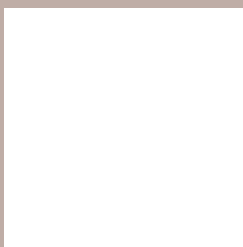
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3124, 43.7167, 42.2317

Background



This preview shows how black text looks on a background with the XYZ color 43.3124, 43.7167, 42.2317.



This preview shows how white text looks on a background with the XYZ color 43.3124, 43.7167,

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

43.3124, 43.7167, 42.2317

Protanopia

41.8846, 43.8229, 43.2969

Deuteranopia

44.4718, 43.7493, 42.1769



Tritanopia

45.0188, 43.5476, 51.3802

Trichromacy



Original Color

43.3124, 43.7167, 42.2317

Protanomaly

42.3126, 43.7643, 42.7764

Deuteranomaly

44.1411, 43.8603, 42.2158

Tritanomaly

44.2369, 43.5066, 47.6610

Monochromacy



Original Color

43.3124, 43.7167, 42.2317

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.6938, 44.1739, 46.3206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3124, 43.7167, 42.2317 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(191, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 173, 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(191, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 173, 166) }
```

Border

The CSS property to change the border of an element to XYZ 43.3124, 43.7167, 42.2317 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(191, 173, 166) }
```


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

```
.border{ border-color:rgb(191, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(191, 173,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3124, 43.7167, 42.2317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 173, 166) }
```

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

```
.background{ background-color: rgb(191,  
173, 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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