

Converting Colors

XYZ(43.3716, 43.2307, 41.9827)

Have a look what the booklet for
XYZ(43.3716, 43.2307, 41.9827)
contains.

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Color

**XYZ(43.4382, 43.2165,
42.1286)**

Conversions

Conversions Part 1

Format	Color
Hex	C1ABA6
RGB	193, 171, 166
RGB Percent	76%, 67%, 65%
CMY	0.2431, 0.3294, 0.3490
CMYK	0.00, 0.11, 0.14, 0.24
HSL	11°, 18%, 70%
HSV	11°, 14%, 76%
XYZ	43.4382, 43.2165, 42.1286
YIQ	177.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

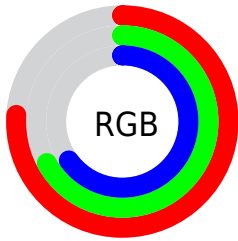
Format	Color
RYB	193, 172, 166
Decimal	12692390
CIELab	71.70, 7.11, 5.47
CIElCh	72, 8.974, 37.581
Yxy	43.2165, 0.3373, 0.3356
Android (android.graphics.Color)	4290882470 (0xFFC1ABA6)
YUV	177.0080, -5.4269, 14.0250
Hunter-Lab	65.7393, 2.9028, 8.0218

Details

The XYZ color **43.4382, 43.2165, 42.1286** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.3345, 47.9227, 57.4185**, and the grayscale version is **41.8174, 43.9951, 47.9107**.

A 20% lighter version of the original color is **79.6718, 79.9372, 79.6369**, and **20.2815, 19.8975, 18.6912** is the 20% darker color. If you saturate the color by 10%, you get **39.0038, 36.9713, 32.5615**, and if you desaturate by 10%, it is **48.4941, 50.2785, 53.2148**.

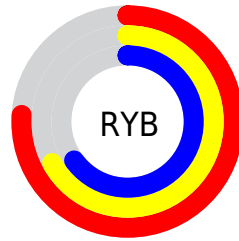
Distribution



Red (76%)

Green (67%)

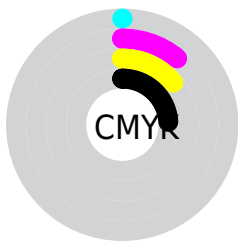
Blue (65%)



Red (76%)

Yellow (67%)

Blue (65%)

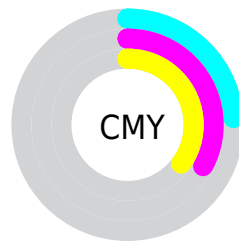


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4382, 43.2165, 42.1286 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 43.4382, 43.2165, 42.1286 by changing the saturation by 10% instead.


 43.4382, 43.2165,
42.1286


 43.4382, 43.2165,
42.1286


351.3018,
359.5014, 370.8311

 30.4251, 30.0550,
28.8757


 79.6233, 80.0375,
79.6664

 20.3111, 19.8804,
18.7420

 103.5260,
104.4657, 104.7884

 12.7310, 12.3081,
11.3091

131.7893,
133.4184, 134.7038

 7.3193, 6.9539,
6.1584

164.7785,
167.2799, 169.8311

 3.7107, 3.4333,
2.8713

202.8590,
206.4345, 210.5890

 1.5398, 1.3619,
1.0293

246.3962,

 0.3527, 0.1884,

251.2667, 257.3960

0.0000

295.7553,
302.1608, 310.6705

0.0000, 0.0000,
0.0000

43.4382, 43.2165,
42.1286

43.4382, 43.2165,
42.1286

39.0038, 36.9713,
32.5615

48.4941, 50.2785,
53.2148

35.1631, 31.5076,
24.4443

54.1906, 58.1794,
65.8793

31.8916, 26.7963,
17.7069

60.5505, 66.9477,
80.1819

29.1616, 22.8041,
12.2721

67.5946, 76.6086,
96.1781

26.9431, 19.4951,
8.0550

74.1107, 86.6940,
107.4353

■ 25.2030, 16.8305,
4.9606

■ 75.8025, 90.0776,
107.9992

■ 23.9041, 14.7672,
2.8799

■ 23.0032, 13.2566,
1.6815

■ 22.6164, 12.5852,
1.2372

Harmonies

Analogous

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



44.0445, 43.2165, 45.9588



43.4382, 43.2165, 42.1286



42.2018, 43.2165, 39.7278

Triad

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



43.4382, 43.2165, 42.1286



38.4307, 43.2165, 43.9320



41.4631, 43.2165, 55.8583

Complementary

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



43.4382, 43.2165, 42.1286



43.3345, 47.9227, 57.4185

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.



39.9704, 43.2165, 55.2328



43.4382, 43.2165, 42.1286



38.2439, 43.2165, 48.1693

Square

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



43.4382, 43.2165, 42.1286



39.3176, 43.2165, 40.7233



38.8010, 43.2165, 52.3521



42.8860, 43.2165, 54.0121

Rectangle

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



43.4382, 43.2165, 42.1286



41.1996, 43.2165, 39.1714



38.8010, 43.2165, 52.3521



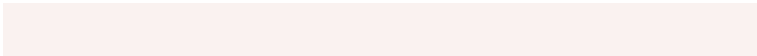
40.9526, 43.2165, 55.9321

Sweetspot

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



43.4394, 43.2184, 42.1295



86.7821, 89.9505, 95.1516



44.7116, 42.2435, 53.4030



18.4618, 19.0803, 20.0691



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.



43.4394, 43.2184, 42.1295



75.0764, 73.5796, 69.5445



46.1099, 48.5594, 43.0197



10.2209, 10.3732, 10.5254



15.0860, 8.4578, 0.8374



0.6987, 0.4592, 0.0518

Inverse Universe

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



43.3345, 47.9227, 57.4185



74.8486, 83.7418, 102.5791



40.5946, 42.4429, 56.5053



10.2047, 11.1008, 12.8896



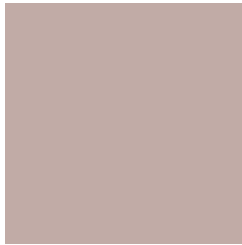
14.5022, 18.7608, 36.4135



0.6687, 0.8948, 1.5874

Previews

White Background



This preview shows how the XYZ color 43.4382, 43.2165, 42.1286 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 43.4382, 43.2165, 42.1286 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 43.4382, 43.2165, 42.1286

Background



This preview shows how black text looks on a background with the XYZ color 43.4382, 43.2165, 42.1286.



This preview shows how white text looks on a background with the XYZ color 43.4382, 43.2165,

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

43.4382, 43.2165, 42.1286

Protanopia

41.4539, 43.3109, 43.2208

Deuteranopia

44.0226, 43.2384, 42.1020



Tritanopia

45.1371, 43.3554, 50.2454

Trichromacy



Original Color

43.4382, 43.2165, 42.1286

Protanomaly

42.1187, 43.3764, 42.7118

Deuteranomaly

43.7633, 43.1047, 42.0899

Tritanomaly

44.4593, 43.3534, 47.0991

Monochromacy



Original Color

43.4382, 43.2165, 42.1286

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.4012, 43.7444, 45.7439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4382, 43.2165, 42.1286 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(193, 171, 166)` looks like.

```
.text, #text, p{  
    color:rgb(193, 171, 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(193, 171, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 171, 166) }
```

Border

The CSS property to change the border of an element to XYZ 43.4382, 43.2165, 42.1286 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(193, 171, 166) }
```


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

```
.border{ border-color:rgb(193, 171, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 171, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 171, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 171, 166);  
box-shadow:4px 4px 4px 4px rgb(193, 171,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4382, 43.2165, 42.1286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 171, 166) }
```

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

```
.background{ background-color: rgb(193,  
171, 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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