

Converting Colors

XYZ(43.4984, 41.9344, 35.5946)

Have a look what the booklet for
XYZ(43.4984, 41.9344, 35.5946)
contains.

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Color

**XYZ(43.6608, 42.0960,
35.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA698
RGB	202, 166, 152
RGB Percent	79%, 65%, 60%
CMY	0.2078, 0.3490, 0.4039
CMYK	0.00, 0.18, 0.25, 0.21
HSL	17°, 32%, 69%
HSV	17°, 25%, 79%
XYZ	43.6608, 42.0960, 35.5299
YIQ	175.1680, 25.9500, 3.2780

Conversions

Conversions Part 2

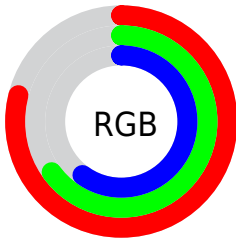
Format	Color
R_{YB}	202, 171, 152
Decimal	13280920
CIE _{Lab}	70.94, 11.06, 12.20
CIE _{LCh}	71, 16.470, 47.794
Yxy	42.0960, 0.3600, 0.3471
Android (android.graphics.Color)	4291471000 (0xFFCAA698)
YUV	175.1680, -11.4218, 23.5317
Hunter-Lab	64.8814, 6.5759, 12.9490

Details

The XYZ color **43.6608, 42.0960, 35.5299** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5922, 46.9046, 62.7386**, and the grayscale version is **40.8833, 43.0125, 46.8406**.

A 20% lighter version of the original color is **78.2370, 77.4291, 69.2143**, and **20.3989, 19.1773, 14.9384** is the 20% darker color. If you saturate the color by 10%, you get **39.6497, 36.4996, 26.7139**, and if you desaturate by 10%, it is **48.2549, 48.4069, 45.9313**.

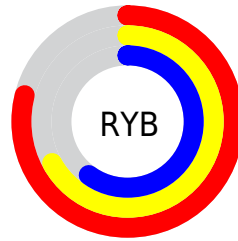
Distribution



Red (79%)

Green (65%)

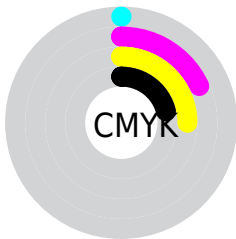
Blue (60%)



Red (79%)

Yellow (67%)

Blue (60%)

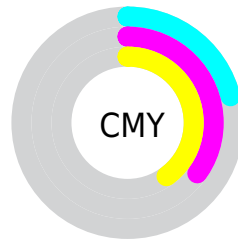


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6608, 42.0960, 35.5299 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 43.6608, 42.0960, 35.5299 by changing the saturation by 10% instead.


 43.6608, 42.0960,
35.5299


 43.6608, 42.0960,
35.5299


352.1979,
354.8807, 341.8762

 30.6007, 29.1765,
23.7845


 79.9566, 78.3449,
69.4667

 20.4453, 19.2144,
14.9631

 103.9230,
102.4431, 92.4952

 12.8293, 11.8253,
8.6472


132.2556,
131.0362, 120.1219

 7.3873, 6.6248,
4.4181

165.3196,
164.5087, 152.7653

 3.7539, 3.2286,
1.8574

203.4805,
203.2451, 190.8438

 1.5639, 1.2522,
0.4654

247.1036,

 0.3687, 0.1037,

247.6296, 234.7761

0.0000

296.5543,
298.0467, 284.9807

■ 0.0000, 0.0000,
0.0000

■ 43.6608, 42.0960,
35.5299

■ 43.6608, 42.0960,
35.5299

■ 39.6497, 36.4996,
26.7139

■ 48.2549, 48.4069,
45.9313

■ 36.1940, 31.5863,
19.4022

■ 53.4514, 55.4506,
57.9884

■ 33.2689, 27.3310,
13.5105

■ 59.2727, 63.2522,
71.7707

■ 30.8462, 23.7046,
8.9448

■ 65.7393, 71.8335,
87.3425

■ 28.8949, 20.6760,
5.6000

■ 72.8706, 81.2158,
104.7651

■ 27.3800, 18.2106,
3.3545

■ 77.6143, 90.1908,
107.9256

■ 26.2605, 16.2702,
2.0610

■ 78.1672, 91.2966,
108.1099

■ 25.7995, 15.4412,
1.6207

Harmonies

Analogous

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



45.2474, 42.0960, 41.3715



43.6608, 42.0960, 35.5299



41.1368, 42.0960, 32.5972

Triad

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



43.6608, 42.0960, 35.5299



35.0730, 42.0960, 42.7146



41.6449, 42.0960, 61.7791

Complementary

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



43.6608, 42.0960, 35.5299



41.5922, 46.9046, 62.7386

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.



38.9059, 42.0960, 62.2454



43.6608, 42.0960, 35.5299



35.1950, 42.0960, 50.6094

Square

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



43.6608, 42.0960, 35.5299



36.2290, 42.0960, 36.4160



36.5705, 42.0960, 57.9627



44.0474, 42.0960, 56.7532

Rectangle

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



43.6608, 42.0960, 35.5299



39.2998, 42.0960, 32.4365



36.5705, 42.0960, 57.9627



40.7307, 42.0960, 62.4935

Sweetspot

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



43.6619, 42.0979, 35.5308



88.3446, 90.9765, 93.1397



44.7348, 38.6731, 53.0618



18.7910, 19.3126, 19.6596



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.6619, 42.0979, 35.5308



69.9634, 65.7690, 51.3904



48.5106, 51.7953, 37.1470



11.4639, 11.7167, 11.7368



16.6672, 10.0673, 1.0647



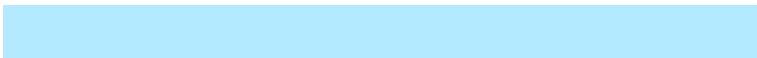
0.9250, 0.6497, 0.0766

Inverse Universe

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



41.5922, 46.9046, 62.7386



65.8266, 75.3473, 105.6818



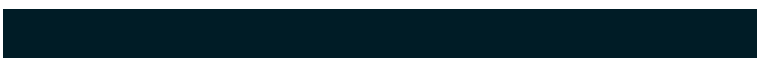
36.8259, 37.3719, 61.1498



11.2674, 12.1752, 14.3266



13.4957, 16.0154, 38.3363



0.7583, 0.9503, 1.9984

Previews

White Background



This preview shows how the XYZ color 43.6608, 42.0960, 35.5299 looks on a white background.

Color Contrast Check

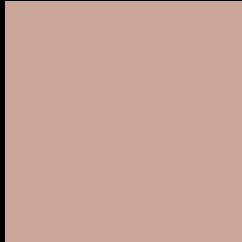
Large Text (above 18pt) WCAG AA × Fail

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 43.6608, 42.0960, 35.5299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

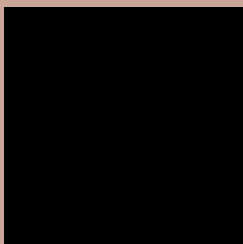
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6608, 42.0960, 35.5299

Background



This preview shows how black text looks on a background with the XYZ color 43.6608, 42.0960, 35.5299.



This preview shows how white text looks on a background with the XYZ color 43.6608, 42.0960,

35.5299.

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

43.6608, 42.0960, 35.5299

Protanopia

40.0004, 42.1112, 37.4725

Deuteranopia

43.0394, 42.0465, 35.5531



Tritanopia

46.0119, 42.2687, 46.2910

Trichromacy



Original Color

43.6608, 42.0960, 35.5299

Protanomaly

41.2774, 41.9348, 36.9290

Deuteranomaly

43.3056, 42.1838, 35.5656

Tritanomaly

45.1524, 42.1783, 42.3207

Monochromacy



Original Color

43.6608, 42.0960, 35.5299

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.7352, 42.6094, 42.5840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6608, 42.0960, 35.5299 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(202, 166, 152)` looks like.

```
.text, #text, p{  
    color:rgb(202, 166, 152)  
}
```

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(202, 166, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 166, 152) }
```

Border

The CSS property to change the border of an element to XYZ 43.6608, 42.0960, 35.5299 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(202, 166, 152) }
```


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

```
.border{ border-color:rgb(202, 166, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 166, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 166, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 166, 152);  
box-shadow:4px 4px 4px 4px rgb(202, 166,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6608, 42.0960, 35.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 166, 152) }
```

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

```
.background{ background-color: rgb(202,  
166, 152) }
```

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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