

Converting Colors

XYZ(43.3386, 43.2960, 36.2098)

Have a look what the booklet for
XYZ(43.3386, 43.2960, 36.2098)
contains.

XYZ(43.3386, 43.2960, 36.2098)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.3386, 43.2960,
36.2098)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AB99
RGB	197, 171, 153
RGB Percent	77%, 67%, 60%
CMY	0.2274, 0.3294, 0.4000
CMYK	0.00, 0.13, 0.22, 0.23
HSL	25°, 27%, 69%
HSV	25°, 22%, 77%
XYZ	43.3386, 43.2960, 36.2098
YIQ	176.7220, 21.2740, -0.0860

Conversions

Conversions Part 2

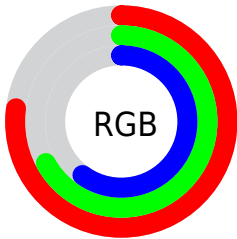
Format	Color
R_{YB}	197, 183, 153
Decimal	12954521
CIE _{Lab}	71.76, 6.59, 12.74
CIE _{LCh}	72, 14.340, 62.661
Yxy	43.2960, 0.3528, 0.3524
Android (android.graphics.Color)	4291144601 (0xFFC5AB99)
YUV	176.7220, -11.6949, 17.7838
Hunter-Lab	65.7997, 2.4186, 13.4323

Details

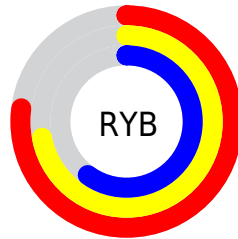
The XYZ color **43.3386, 43.2960, 36.2098** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3347, 43.0426, 59.0584**, and the grayscale version is **41.6966, 43.8681, 47.7723**.

A 20% lighter version of the original color is **79.3319, 79.9685, 70.2857**, and **20.3228, 19.9926, 15.3582** is the 20% darker color. If you saturate the color by 10%, you get **39.7416, 38.4944, 27.6352**, and if you desaturate by 10%, it is **47.4002, 48.5963, 46.2656**.

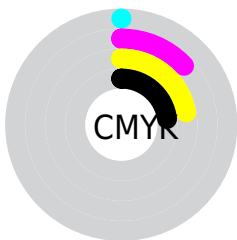
Distribution



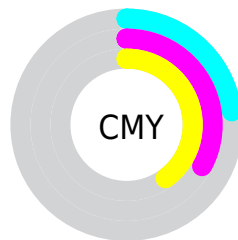
- Red (77%)
- Green (67%)
- Blue (60%)



- Red (77%)
- Yellow (72%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (23%)





- Cyan (23%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3386, 43.2960, 36.2098 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 43.3386, 43.2960, 36.2098 by changing the saturation by 10% instead.


 43.3386, 43.2960,
36.2098

 43.3386, 43.2960,
36.2098


350.9004,
359.8277, 344.9417

 30.3465, 30.1174,
24.3053


 79.4741, 80.1573,
70.5285

 20.2512, 19.9277,
15.3460


 103.3483,
104.6089, 93.7797

 12.6871, 12.3425,
8.9132


131.5805,
133.5869, 121.6502

 7.2889, 6.9774,
4.5886

164.5362,
167.4758, 154.5586

 3.6914, 3.4480,
1.9535

202.5807,
206.6599, 192.9235

 1.5291, 1.3698,
0.5264

246.0793,

 0.3455, 0.1943,

251.5237, 237.1632

0.0000

295.3974,
302.4514, 287.6965

■ 0.0000, 0.0000,
0.0000

■ 43.3386, 43.2960,
36.2098

■ 43.3386, 43.2960,
36.2098

■ 39.7416, 38.4944,
27.6352

■ 47.4002, 48.5963,
46.2656

■ 36.5877, 34.1703,
20.4680

■ 51.9399, 54.4037,
57.8662

■ 33.8584, 30.3096,
14.6323

■ 56.9752, 60.7342,
71.0745

■ 31.5328, 26.8953,
10.0435

■ 62.5212, 67.6010,
85.9493

■ 29.5876, 23.9091,
6.6075

■ 68.5928, 75.0169,
102.5464

■ 27.9966, 21.3309,
4.2164

■ 72.4840, 81.9063,
106.5969

■ 26.7297, 19.1385,
2.7410

■ 76.0372, 89.0126,
107.7813

■ 25.9394, 17.6972,
2.0487

■ 76.8360, 90.6104,
108.0476

Harmonies

Analogous

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



45.2188, 43.2960, 40.2722



43.3386, 43.2960, 36.2098



40.9347, 43.2960, 34.9804

Triad

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



43.3386, 43.2960, 36.2098



36.6512, 43.2960, 47.7669



43.7293, 43.2960, 59.3505

Complementary

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



43.3386, 43.2960, 36.2098



39.3347, 43.0426, 59.0584

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.



41.3692, 43.2960, 61.8387



43.3386, 43.2960, 36.2098



37.3358, 43.2960, 54.7517

Square

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



43.3386, 43.2960, 36.2098



37.1326, 43.2960, 41.2503



39.0393, 43.2960, 60.0789



45.4505, 43.2960, 53.5696

Rectangle

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



43.3386, 43.2960, 36.2098



39.3746, 43.2960, 35.8233



39.0393, 43.2960, 60.0789



42.9811, 43.2960, 60.6242

Sweetspot

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



43.3398, 43.2980, 36.2107



89.0354, 92.3580, 93.3699



42.5948, 37.9242, 47.9358



18.9507, 19.6321, 19.7128



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.



43.3398, 43.2980, 36.2107



74.2470, 73.0678, 56.7283



47.7577, 52.1338, 37.6833



10.9843, 11.3377, 11.1722



17.1392, 11.7956, 1.3734



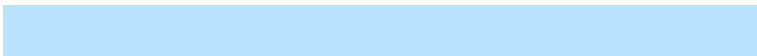
0.8825, 0.7004, 0.0887

Inverse Universe

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



39.3347, 43.0426, 59.0584



65.7582, 72.5221, 105.1401



35.3402, 35.0536, 57.7269



10.5688, 11.3116, 13.5438



10.8503, 11.0945, 36.3139



0.5837, 0.6653, 1.7428

Previews

White Background



This preview shows how the XYZ color 43.3386, 43.2960, 36.2098 looks on a white background.

Color Contrast Check

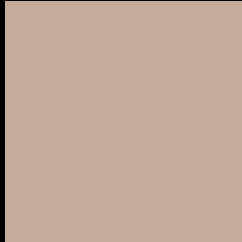
Large Text (above 18pt) WCAG AA × Fail

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 43.3386, 43.2960, 36.2098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

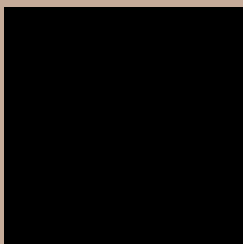
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

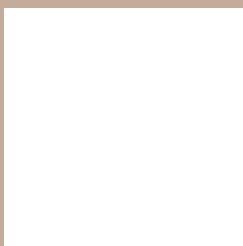
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3386, 43.2960, 36.2098

Background



This preview shows how black text looks on a background with the XYZ color 43.3386, 43.2960, 36.2098.



This preview shows how white text looks on a background with the XYZ color 43.3386, 43.2960,

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

43.3386, 43.2960, 36.2098

Protanopia

41.0135, 43.2168, 37.1904

Deuteranopia

44.0251, 43.0933, 36.1345



Tritanopia

45.8764, 43.2121, 49.1028

Trichromacy



Original Color

43.3386, 43.2960, 36.2098

Protanomaly

41.9551, 43.4240, 36.7423

Deuteranomaly

43.9439, 43.3287, 36.1842

Tritanomaly

44.8115, 43.0497, 43.9778

Monochromacy



Original Color

43.3386, 43.2960, 36.2098

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.1650, 43.6774, 43.2540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3386, 43.2960, 36.2098 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(197, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(197, 171, 153)  
}
```

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(197, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 171, 153) }
```

Border

The CSS property to change the border of an element to XYZ 43.3386, 43.2960, 36.2098 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(197, 171, 153) }
```


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

```
.border{ border-color:rgb(197, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(197, 171,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3386, 43.2960, 36.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 171, 153) }
```

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

```
.background{ background-color: rgb(197,  
171, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor