

Converting Colors

XYZ(43.6291, 43.8227, 41.1460)

Have a look what the booklet for
XYZ(43.6291, 43.8227, 41.1460)
contains.

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Color

**XYZ(43.6367, 43.9049,
41.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	C1ADA4
RGB	193, 173, 164
RGB Percent	76%, 68%, 64%
CMY	0.2431, 0.3216, 0.3569
CMYK	0.00, 0.10, 0.15, 0.24
HSL	19°, 19%, 70%
HSV	19°, 15%, 76%
XYZ	43.6367, 43.9049, 41.2966
YIQ	177.9540, 14.8090, 1.4410

Conversions

Conversions Part 2

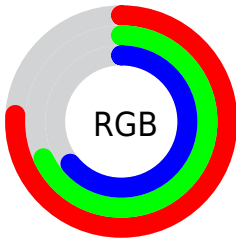
Format	Color
R_{YB}	193, 177, 164
Decimal	12692900
CIE _{Lab}	72.16, 5.70, 7.24
CIE _{LCh}	72, 9.213, 51.772
Yxy	43.9049, 0.3387, 0.3408
Android (android.graphics.Color)	4290882980 (0xFFC1ADA4)
YUV	177.9540, -6.8793, 13.1953
Hunter-Lab	66.2608, 1.5966, 9.4304

Details

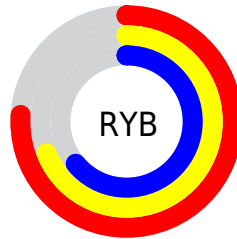
The XYZ color **43.6367, 43.9049, 41.2966** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0758, 46.0228, 57.1181**, and the grayscale version is **42.3233, 44.5274, 48.4903**.

A 20% lighter version of the original color is **79.9539, 80.9253, 78.4239**, and **20.4095, 20.3336, 18.1783** is the 20% darker color. If you saturate the color by 10%, you get **39.5986, 38.4092, 31.9941**, and if you desaturate by 10%, it is **48.1960, 50.0187, 52.0788**.

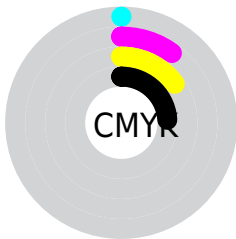
Distribution



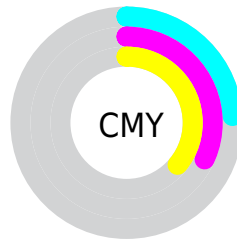
- Red (76%)
- Green (68%)
- Blue (64%)



- Red (76%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (24%)





- Cyan (24%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6367, 43.9049, 41.2966 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 43.6367, 43.9049, 41.2966 by changing the saturation by 10% instead.


 43.6367, 43.9049,
41.2966


 43.6367, 43.9049,
41.2966


352.1010,
362.3201, 367.2720

 30.5817, 30.5958,
28.2295


 79.9205, 81.0746,
78.3925

 20.4308, 20.2912,
18.2582


 103.8800,
105.7040, 103.2583

 12.8186, 12.6069,
10.9641


132.2051,
134.8755, 132.8942

 7.3799, 7.1584,
5.9289

165.2611,
168.9737, 167.7185

 3.7492, 3.5614,
2.7338

203.4133,
208.3828, 208.1499

 1.5613, 1.4314,
0.9604

247.0271,

 0.3670, 0.2397,

253.4873, 254.6070

0.0000

296.4679,
304.6716, 307.5081

■ 0.0000, 0.0000,
0.0000

■ 43.6367, 43.9049,
41.2966

■ 43.6367, 43.9049,
41.2966

■ 39.5986, 38.4092,
31.9941

■ 48.1960, 50.0187,
52.0788

■ 36.0587, 33.5063,
24.1036

■ 53.2911, 56.7634,
64.3990

■ 32.9978, 29.1774,
17.5559

■ 58.9404, 64.1589,
78.3155

■ 30.3938, 25.4007,
12.2752

■ 65.1606, 72.2220,
93.8830

■ 28.2227, 22.1529,
8.1778

■ 71.0687, 80.6100,
106.4213

■ 26.4582, 19.4088,
5.1699

■ 75.1213, 88.7152,
107.7722

■ 25.0706, 17.1409,
3.1431

■ 75.8025, 90.0775,
107.9992

■ 24.0250, 15.3185,
1.9662

■ 23.6042, 14.5609,
1.5665

Harmonies

Analogous

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



44.6128, 43.9049, 44.6528



43.6367, 43.9049, 41.2966



42.1661, 43.9049, 39.7078

Triad

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



43.6367, 43.9049, 41.2966



38.7979, 43.9049, 46.5718



42.8662, 43.9049, 56.3401

Complementary

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



43.6367, 43.9049, 41.2966



42.0758, 46.0228, 57.1181

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.



41.2974, 43.9049, 56.9342



43.6367, 43.9049, 41.2966



38.9747, 43.9049, 51.1021

Square

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



43.6367, 43.9049, 41.2966



39.3912, 43.9049, 42.6255



39.8802, 43.9049, 54.9636



44.1602, 43.9049, 53.3879

Rectangle

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



43.6367, 43.9049, 41.2966



41.1141, 43.9049, 39.7904



39.8802, 43.9049, 54.9636



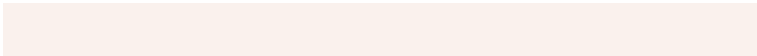
42.3526, 43.9049, 56.8294

Sweetspot

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



43.6379, 43.9069, 41.2975



86.2733, 89.5227, 93.1639



43.9515, 41.3623, 51.1801



18.3779, 19.0315, 19.6744



92.9021, 97.7402, 106.4391



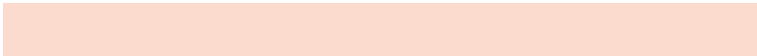
19.4759, 20.4902, 22.3138

Same Dimension

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



43.6379, 43.9069, 41.2975



75.6992, 75.3116, 68.2525



46.5064, 49.6438, 42.2537



10.3226, 10.5767, 10.5593



15.7628, 9.8114, 1.0630



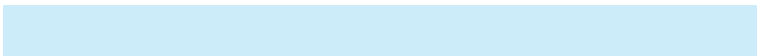
0.7437, 0.5492, 0.0668

Inverse Universe

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



42.0758, 46.0228, 57.1181



72.3705, 79.8166, 101.9521



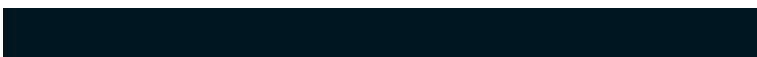
39.2733, 40.4179, 56.1839



10.0962, 10.8837, 12.8535



12.0619, 13.8804, 35.6001



0.5802, 0.7178, 1.5579

Previews

White Background



This preview shows how the XYZ color 43.6367, 43.9049, 41.2966 looks on a white background.

Color Contrast Check

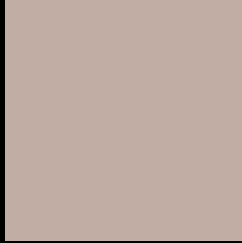
Large Text (above 18pt) WCAG AA × Fail

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 43.6367, 43.9049, 41.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

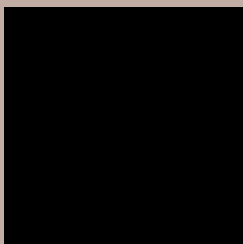
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

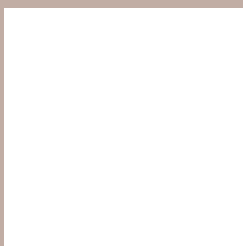
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6367, 43.9049, 41.2966

Background



This preview shows how black text looks on a background with the XYZ color 43.6367, 43.9049, 41.2966.



This preview shows how white text looks on a background with the XYZ color 43.6367, 43.9049,

41.2966.

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

43.6367, 43.9049, 41.2966

Protanopia

41.9367, 43.8711, 42.3341

Deuteranopia

44.8169, 43.9483, 41.2427



Tritanopia

45.6869, 43.9041, 50.8661

Trichromacy



Original Color

43.6367, 43.9049, 41.2966

Protanomaly

42.6150, 43.9414, 41.8328

Deuteranomaly

44.4793, 44.0557, 41.2812

Tritanomaly

44.9051, 43.8625, 47.1739

Monochromacy



Original Color

43.6367, 43.9049, 41.2966

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.5966, 44.1351, 45.8090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6367, 43.9049, 41.2966 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, 173, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 173, 164)  
}
```

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, 173, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 173, 164) }
```

Border

The CSS property to change the border of an element to XYZ 43.6367, 43.9049, 41.2966 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, 173, 164) }
```


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

```
.border{ border-color:rgb(193, 173, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 173, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 173, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 173, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 173,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6367, 43.9049, 41.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 173, 164) }
```

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

```
.background{ background-color: rgb(193,  
173, 164) }
```

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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