

Converting Colors

XYZ(51.4439, 47.0334, 51.6258)

Have a look what the booklet for
XYZ(51.4439, 47.0334, 51.6258)
contains.

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Color

**XYZ(51.5335, 47.1854,
51.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	D8ABB8
RGB	216, 171, 184
RGB Percent	85%, 67%, 72%
CMY	0.1529, 0.3294, 0.2784
CMYK	0.00, 0.21, 0.15, 0.15
HSL	343°, 37%, 76%
HSV	343°, 21%, 85%
XYZ	51.5335, 47.1854, 51.7390
YIQ	185.9370, 22.6470, 13.5830

Conversions

Conversions Part 2

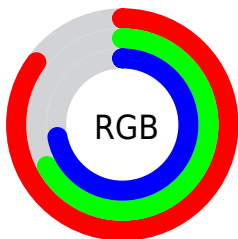
Format	Color
R _Y B	216, 171, 184
Decimal	14199736
CIE Lab	74.31, 18.45, -0.36
CIE LCh	74, 18.456, 358.867
Yxy	47.1854, 0.3425, 0.3136
Android (android.graphics.Color)	4292389816 (0xFFD8ABB8)
YUV	185.9370, -0.9549, 26.3653
Hunter-Lab	68.6916, 13.7030, 3.4265

Details

The XYZ color **51.5335, 47.1854, 51.7390** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1318, 62.0826, 65.7383**, and the grayscale version is **46.6342, 49.0628, 53.4294**.

A 20% lighter version of the original color is **84.4373, 82.4894, 93.9098**, and **25.3915, 22.4094, 24.4599** is the 20% darker color. If you saturate the color by 10%, you get **46.2584, 39.0734, 42.4629**, and if you desaturate by 10%, it is **57.6529, 56.7050, 62.1603**.

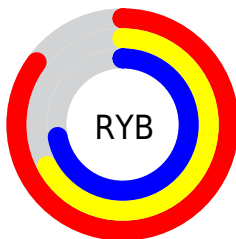
Distribution



Red (85%)

Green (67%)

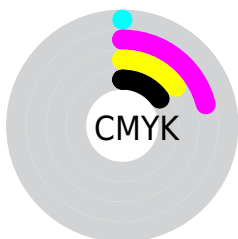
Blue (72%)



Red (85%)

Yellow (67%)

Blue (72%)

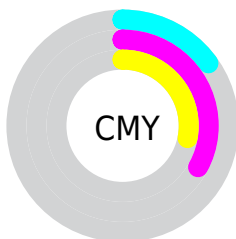


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (15%)



Cyan (15%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5335, 47.1854, 51.7390 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 51.5335, 47.1854, 51.7390 by changing the saturation by 10% instead.

51.5335, 47.1854,
51.7390

51.5335, 47.1854,
51.7390

382.9866,
375.5541, 410.3564

36.8561, 33.1822,
36.4163

91.6212, 85.9903,
94.1689

25.2693, 22.2661,
24.4636

117.7622,
111.5608, 122.1131

16.4076, 14.0526,
15.4625

148.4552,
141.7560, 155.1015

9.9057, 8.1572,
8.9944

184.0655,
176.9600, 193.5528

5.3983, 4.1957,
4.6408

224.9584,
217.5575, 237.8854

2.5199, 1.7836,
1.9831

271.4993,

0.9053, 0.4769,

263.9327, 288.5178

0.5448

324.0536,
316.4701, 345.8686

■ 0.0000, 0.0000,
0.0000

■ 51.5335, 47.1854,
51.7390

■ 51.5335, 47.1854,
51.7390

■ 46.2584, 39.0734,
42.4629

■ 57.6529, 56.7050,
62.1603

■ 41.7857, 32.2957,
34.2891

■ 64.6479, 67.6882,
73.7619

■ 38.0757, 26.7820,
27.1760

■ 72.5534, 80.1958,
86.5810

■ 35.0840, 22.4529,
21.0782

■ 80.6288, 92.7389,
100.3948

■ 32.7610, 19.2202,
15.9468

■ 82.1291, 93.3390,
108.2953

■ 31.0506, 16.9828,
11.7285

■ 29.8868, 15.6209,
8.3638

■ 29.1993, 14.9511,
5.9603

Harmonies

Analogous

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



50.5334, 47.1854, 61.4136



51.5335, 47.1854, 51.7390



50.6701, 47.1854, 43.0517

Triad

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



51.5335, 47.1854, 51.7390



41.8385, 47.1854, 36.9806



41.6302, 47.1854, 68.6557

Complementary

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



51.5335, 47.1854, 51.7390



52.1318, 62.0826, 65.7383

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.



39.4904, 47.1854, 60.7115



51.5335, 47.1854, 51.7390



39.6064, 47.1854, 42.4979

Square

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



51.5335, 47.1854, 51.7390



44.9746, 47.1854, 35.1898



38.7678, 47.1854, 51.0165



44.7223, 47.1854, 71.8935

Rectangle

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



51.5335, 47.1854, 51.7390



49.1769, 47.1854, 38.8083



38.7678, 47.1854, 51.0165



40.7815, 47.1854, 66.4025

Sweetspot

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



51.5348, 47.1875, 51.7400



88.6591, 89.9426, 98.3706



51.4518, 46.7124, 71.2708



18.8340, 19.0275, 20.8183



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.



51.5348, 47.1875, 51.7400



71.5163, 63.2671, 69.1953



51.9924, 50.1837, 45.4768



12.5693, 12.4792, 13.6722



17.3237, 8.8658, 3.7424



1.0806, 0.5490, 0.4138

Inverse Universe

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



51.5348, 47.1875, 51.7400



71.5163, 63.2671, 69.1953



51.5037, 58.2428, 73.4936



12.5693, 12.4792, 13.6722



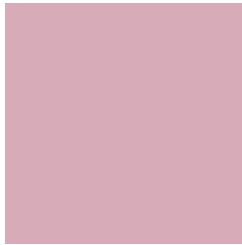
17.3237, 8.8658, 3.7424



1.0806, 0.5490, 0.4138

Previews

White Background



This preview shows how the XYZ color 51.5335, 47.1854, 51.7390 looks on a white background.

Color Contrast Check

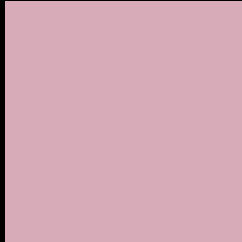
Large Text (above 18pt) WCAG AA × Fail

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 51.5335, 47.1854, 51.7390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

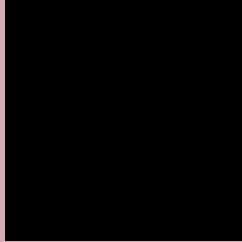
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5335, 47.1854, 51.7390

Background



This preview shows how black text looks on a background with the XYZ color 51.5335, 47.1854, 51.7390.



This preview shows how white text looks on a background with the XYZ color 51.5335, 47.1854,

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

51.5335, 47.1854, 51.7390

Protanopia

45.7894, 47.3639, 55.4440

Deuteranopia

48.3568, 47.2807, 51.3772



Tritanopia

51.5335, 47.1854, 51.7390

Trichromacy



Original Color

51.5335, 47.1854, 51.7390

Protanomaly

47.7624, 47.2074, 54.1715

Deuteranomaly

49.3308, 47.2007, 51.3104

Tritanomaly

51.5335, 47.1854, 51.7390

Monochromacy



Original Color

51.5335, 47.1854, 51.7390

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.3068, 48.4208, 52.6991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5335, 47.1854, 51.7390 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(216, 171, 184)` looks like.

```
.text, #text, p{  
    color:rgb(216, 171, 184)  
}
```

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(216, 171, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 171, 184) }
```

Border

The CSS property to change the border of an element to XYZ 51.5335, 47.1854, 51.7390 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(216, 171, 184) }
```


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

```
.border{ border-color:rgb(216, 171, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 171, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 171, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 171, 184);  
box-shadow:4px 4px 4px 4px rgb(216, 171,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5335, 47.1854, 51.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 171, 184) }
```

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

```
.background{ background-color: rgb(216,  
171, 184) }
```

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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