

Converting Colors

XYZ(50.9394, 47.5765, 54.4055)

Have a look what the booklet for
XYZ(50.9394, 47.5765, 54.4055)
contains.

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Color

**XYZ(51.1853, 47.7951,
54.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AEBD
RGB	211, 174, 189
RGB Percent	83%, 68%, 74%
CMY	0.1725, 0.3176, 0.2588
CMYK	0.00, 0.18, 0.10, 0.17
HSL	336°, 30%, 75%
HSV	336°, 18%, 83%
XYZ	51.1853, 47.7951, 54.6717
YIQ	186.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

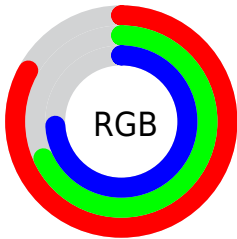
Format	Color
R _Y B	211, 174, 189
Decimal	13872829
CIE Lab	74.70, 15.86, -2.59
CIE LCh	75, 16.073, 350.720
Yxy	47.7951, 0.3331, 0.3111
Android (android.graphics.Color)	4292062909 (0xFFD3AEBD)
YUV	186.7730, 1.0979, 21.2471
Hunter-Lab	69.1340, 11.1730, 1.5068

Details

The XYZ color **51.1853, 47.7951, 54.6717** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7155, 59.5739, 61.0533**, and the grayscale version is **47.0945, 49.5471, 53.9568**.

A 20% lighter version of the original color is **86.0182, 84.4462, 98.1523**, and **24.9916, 22.5202, 26.3222** is the 20% darker color. If you saturate the color by 10%, you get **46.1214, 39.7530, 46.5524**, and if you desaturate by 10%, it is **57.0101, 57.1692, 63.6272**.

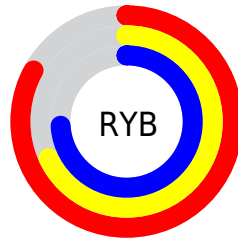
Distribution



Red (83%)

Green (68%)

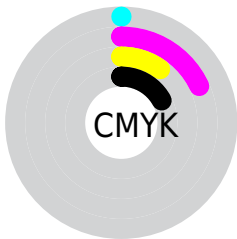
Blue (74%)



Red (83%)

Yellow (68%)

Blue (74%)

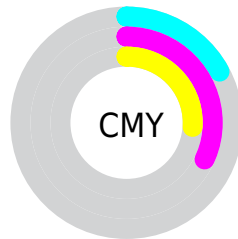


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (17%)



Cyan (17%)


Magenta (32%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1853, 47.7951, 54.6717 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 51.1853, 47.7951, 54.6717 by changing the saturation by 10% instead.


 51.1853, 47.7951,
54.6717

 51.1853, 47.7951,
54.6717


381.6591,
377.9794, 421.9131

 36.5777, 33.6647,
38.7421


 91.1100, 86.8993,
98.5261

 25.0529, 22.6361,
26.2529


117.1578,
112.6417, 127.2880

 16.2454, 14.3250,
16.7855


147.7498,
143.0237, 161.1644

 9.7899, 8.3471,
9.9213


183.2512,
178.4295, 200.5739

 5.3211, 4.3178,
5.2419

224.0275,
219.2436, 245.9349

 2.4735, 1.8529,
2.3287

270.4441,

 0.8819, 0.5198,

265.8504, 297.6661

0.7472

322.8661,
318.6341, 356.1860

■ 0.0000, 0.0000,
0.0000

■ 51.1853, 47.7951,
54.6717

■ 51.1853, 47.7951,
54.6717

■ 46.1214, 39.7530,
46.5524

■ 57.0101, 57.1692,
63.6272

■ 41.7814, 32.9756,
39.2406

■ 63.6225, 67.9259,
73.4401

■ 38.1316, 27.3996,
32.7103

■ 71.0527, 80.1207,
84.1349

■ 35.1336, 22.9534,
26.9329

■ 78.2323, 91.6122,
95.3684

■ 32.7450, 19.5578,
21.8776

■ 80.1533, 92.3806,
105.4842

■ 30.9182, 17.1230,
17.5109

■ 80.6742, 92.5890,
108.2272

■ 29.5977, 15.5443,
13.7961

■ 28.7081, 14.6769,
10.6883

■ 28.5250, 14.5133,
10.0027

Harmonies

Analogous

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



49.9047, 47.7951, 62.8762



51.1853, 47.7951, 54.6717



50.8729, 47.7951, 46.5670

Triad

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



51.1853, 47.7951, 54.6717



43.4740, 47.7951, 38.4278



41.9718, 47.7951, 65.4772

Complementary

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



51.1853, 47.7951, 54.6717



50.7155, 59.5739, 61.0533

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.



40.3858, 47.7951, 57.9274



51.1853, 47.7951, 54.6717



41.2270, 47.7951, 42.5276

Square

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



51.1853, 47.7951, 54.6717



46.3374, 47.7951, 37.7554



40.1191, 47.7951, 49.4956



44.5302, 47.7951, 69.5394

Rectangle

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



51.1853, 47.7951, 54.6717



49.8084, 47.7951, 42.2581



40.1191, 47.7951, 49.4956



41.3119, 47.7951, 63.2274

Sweetspot

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



51.1867, 47.7972, 54.6727



89.9197, 91.6544, 101.2862



49.5524, 46.6575, 68.0227



19.0976, 19.3762, 21.4562



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.



51.1867, 47.7972, 54.6727



75.5721, 68.5796, 79.1766



50.2442, 48.3843, 46.7379



12.0045, 11.8865, 13.2995



17.2625, 8.7778, 6.2885



1.0041, 0.5064, 0.5564

Inverse Universe

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



51.1867, 47.7972, 54.6727



75.5721, 68.5796, 79.1766



51.7505, 58.7741, 70.2456



12.0045, 11.8865, 13.2995



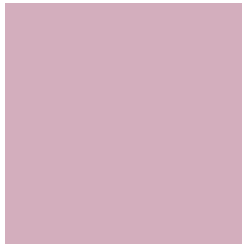
17.2625, 8.7778, 6.2885



1.0041, 0.5064, 0.5564

Previews

White Background



This preview shows how the XYZ color 51.1853, 47.7951, 54.6717 looks on a white background.

Color Contrast Check

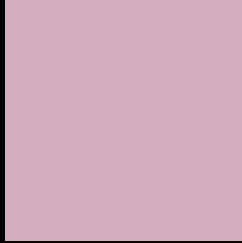
Large Text (above 18pt) WCAG AA × Fail

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 51.1853, 47.7951, 54.6717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

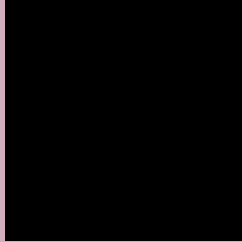
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1853, 47.7951, 54.6717

Background



This preview shows how black text looks on a background with the XYZ color 51.1853, 47.7951, 54.6717.



This preview shows how white text looks on a background with the XYZ color 51.1853, 47.7951,

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

51.1853, 47.7951, 54.6717

Protanopia

46.4383, 47.9524, 57.8471

Deuteranopia

48.8169, 47.7510, 54.2209



Tritanopia

51.0771, 47.7518, 54.1019

Trichromacy



Original Color

51.1853, 47.7951, 54.6717

Protanomaly

48.0838, 47.9176, 56.5839

Deuteranomaly

49.7011, 47.9125, 54.2055

Tritanomaly

51.0771, 47.7518, 54.1019

Monochromacy



Original Color

51.1853, 47.7951, 54.6717

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.5700, 48.8225, 54.4407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1853, 47.7951, 54.6717 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(211, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(211, 174, 189)  
}
```

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(211, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 174, 189) }
```

Border

The CSS property to change the border of an element to XYZ 51.1853, 47.7951, 54.6717 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(211, 174, 189) }
```


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

```
.border{ border-color:rgb(211, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(211, 174,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1853, 47.7951, 54.6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 174, 189) }
```

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

```
.background{ background-color: rgb(211,  
174, 189) }
```

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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