

Converting Colors

XYZ(51.2388, 48.0392, 51.0414)

Have a look what the booklet for
XYZ(51.2388, 48.0392, 51.0414)
contains.

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Color

**XYZ(51.0201, 47.7956,
50.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	D5AEB6
RGB	213, 174, 182
RGB Percent	84%, 68%, 71%
CMY	0.1647, 0.3176, 0.2863
CMYK	0.00, 0.18, 0.15, 0.16
HSL	348°, 32%, 76%
HSV	348°, 18%, 84%
XYZ	51.0201, 47.7956, 50.7924
YIQ	186.5730, 20.6760, 10.7560

Conversions

Conversions Part 2

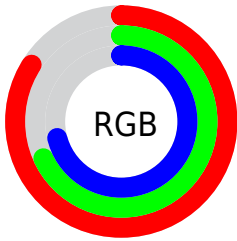
Format	Color
R _Y B	213, 174, 182
Decimal	14003894
CIE Lab	74.70, 15.42, 1.26
CIE LCh	75, 15.475, 4.674
Yxy	47.7956, 0.3410, 0.3195
Android (android.graphics.Color)	4292193974 (0xFFD5AEB6)
YUV	186.5730, -2.2545, 23.1765
Hunter-Lab	69.1344, 10.7451, 4.8342

Details

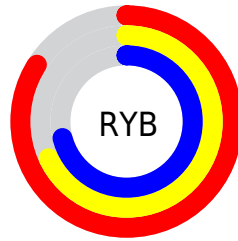
The XYZ color **51.0201, 47.7956, 50.7924** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2711, 60.9961, 66.7789**, and the grayscale version is **46.9989, 49.4465, 53.8472**.

A 20% lighter version of the original color is **84.9694, 84.0267, 92.6293**, and **24.9004, 22.5288, 23.8050** is the 20% darker color. If you saturate the color by 10%, you get **45.5816, 39.5514, 40.8619**, and if you desaturate by 10%, it is **57.3254, 57.4338, 62.0569**.

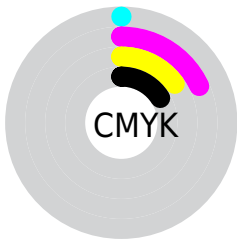
Distribution



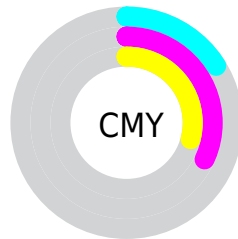
- Red (84%)
- Green (68%)
- Blue (71%)



- Red (84%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (16%)





- Cyan (16%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0201, 47.7956, 50.7924 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 51.0201, 47.7956, 50.7924 by changing the saturation by 10% instead.


 51.0201, 47.7956,
50.7924

 51.0201, 47.7956,
50.7924


381.0282,
377.9814, 406.5802

 36.4457, 33.6650,
35.6678


 90.8673, 86.9000,
92.7562

 24.9503, 22.6364,
23.8901

116.8708,
112.6426, 120.4325

 16.1686, 14.3253,
15.0407


147.4148,
143.0247, 153.1298

 9.7351, 8.3472,
8.7010

182.8645,
178.4307, 191.2666

 5.2846, 4.3179,
4.4525

223.5853,
219.2450, 235.2616

 2.4517, 1.8530,
1.8767

269.9427,

 0.8709, 0.5199,

265.8519, 285.5331

0.4779

322.3019,
318.6359, 342.4998

■ 0.0000, 0.0000,
0.0000

■ 51.0201, 47.7956,
50.7924

■ 51.0201, 47.7956,
50.7924

■ 45.5816, 39.5514,
40.8619

■ 57.3254, 57.4338,
62.0569

■ 40.9677, 32.6303,
32.2126

■ 64.5294, 68.5196,
74.6996

■ 37.1386, 26.9650,
24.7926

■ 72.6670, 81.1119,
88.7662

■ 34.0497, 22.4796,
18.5451

■ 80.4139, 92.5515,
103.8474

■ 31.6516, 19.0902,
13.4089

■ 81.2508, 92.8862,
108.2542

■ 29.8888, 16.7015,
9.3168

■ 28.6969, 15.2016,
6.1941

■ 27.9838, 14.4260,
3.9507

■ 27.8893, 14.3257,
3.6463

Harmonies

Analogous

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



50.4812, 47.7956, 58.9342



51.0201, 47.7956, 50.7924



50.0110, 47.7956, 43.7370

Triad

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



51.0201, 47.7956, 50.7924



42.4277, 47.7956, 40.3409



43.1594, 47.7956, 67.2932

Complementary

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



51.0201, 47.7956, 50.7924



52.2711, 60.9961, 66.7789

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.



41.1344, 47.7956, 61.3353



51.0201, 47.7956, 50.7924



40.7244, 47.7956, 45.7079

Square

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



51.0201, 47.7956, 50.7924



44.9901, 47.7956, 38.1112



40.2607, 47.7956, 53.3105



45.8693, 47.7956, 69.0091

Rectangle

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



51.0201, 47.7956, 50.7924



48.6197, 47.7956, 40.4261



40.2607, 47.7956, 53.3105



42.3797, 47.7956, 65.6921

Sweetspot

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



51.0214, 47.7977, 50.7934



89.5273, 91.4975, 99.2199



52.2007, 47.9937, 69.4637



19.0024, 19.3382, 20.9552



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.



51.0214, 47.7977, 50.7934



73.3236, 66.7341, 70.2530



52.4415, 51.9229, 47.3051



12.5264, 12.4620, 13.4461



17.0658, 8.7626, 2.3846



1.0597, 0.5407, 0.3038

Inverse Universe

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



51.0214, 47.7977, 50.7934



73.3236, 66.7341, 70.2530



50.5763, 56.0219, 71.0989



12.5264, 12.4620, 13.4461



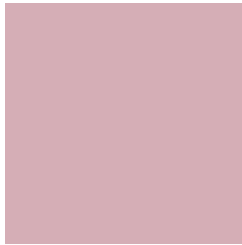
17.0658, 8.7626, 2.3846



1.0597, 0.5407, 0.3038

Previews

White Background



This preview shows how the XYZ color 51.0201, 47.7956, 50.7924 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 51.0201, 47.7956, 50.7924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

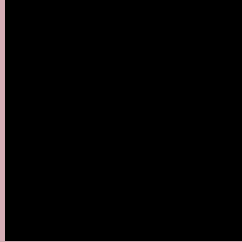
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0201, 47.7956, 50.7924

Background



This preview shows how black text looks on a background with the XYZ color 51.0201, 47.7956, 50.7924.



This preview shows how white text looks on a background with the XYZ color 51.0201, 47.7956,

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

51.0201, 47.7956, 50.7924

Protanopia

46.1528, 47.8939, 53.8256

Deuteranopia

48.8895, 47.8735, 50.3798



Tritanopia

51.6448, 47.7711, 53.5125

Trichromacy



Original Color

51.0201, 47.7956, 50.7924

Protanomaly

47.8432, 47.8811, 52.6193

Deuteranomaly

49.7948, 48.0459, 50.3654

Tritanomaly

51.4321, 47.6861, 52.3925

Monochromacy



Original Color

51.0201, 47.7956, 50.7924

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.2499, 48.6944, 52.7549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0201, 47.7956, 50.7924 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(213, 174, 182)` looks like.

```
.text, #text, p{  
    color:rgb(213, 174, 182)  
}
```

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(213, 174, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 174, 182) }
```

Border

The CSS property to change the border of an element to XYZ 51.0201, 47.7956, 50.7924 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(213, 174, 182) }
```


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

```
.border{ border-color:rgb(213, 174, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 174, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 174, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 174, 182);  
box-shadow:4px 4px 4px 4px rgb(213, 174,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0201, 47.7956, 50.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 174, 182) }
```

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

```
.background{ background-color: rgb(213,  
174, 182) }
```

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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