

Converting Colors

XYZ(50.9231, 49.5865, 47.4447)

Have a look what the booklet for
XYZ(50.9231, 49.5865, 47.4447)
contains.

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Color

**XYZ(50.9231, 49.5865,
47.4447)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B4AF
RGB	211, 180, 175
RGB Percent	83%, 71%, 69%
CMY	0.1725, 0.2941, 0.3137
CMYK	0.00, 0.15, 0.17, 0.17
HSL	8°, 29%, 76%
HSV	8°, 17%, 83%
XYZ	50.9231, 49.5865, 47.4447
YIQ	188.6990, 20.0810, 5.0170

Conversions

Conversions Part 2

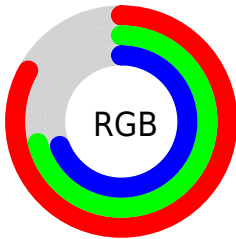
Format	Color
R _Y B	211, 181, 175
Decimal	13874351
CIE Lab	75.81, 10.34, 6.68
CIE LCh	76, 12.310, 32.840
Yxy	49.5865, 0.3442, 0.3351
Android (android.graphics.Color)	4292064431 (0xFFD3B4AF)
YUV	188.6990, -6.7536, 19.5580
Hunter-Lab	70.4177, 5.8527, 9.3451

Details

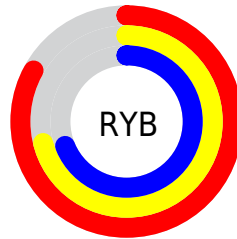
The XYZ color **50.9231, 49.5865, 47.4447** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.5081, 57.9586, 70.1009**, and the grayscale version is **48.2282, 50.7399, 55.2557**.

A 20% lighter version of the original color is **85.5184, 86.9641, 87.1414**, and **24.8748, 23.6767, 21.9979** is the 20% darker color. If you saturate the color by 10%, you get **45.5805, 41.9623, 36.2260**, and if you desaturate by 10%, it is **57.0731, 58.3062, 60.5313**.

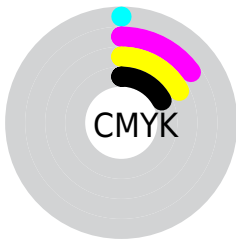
Distribution



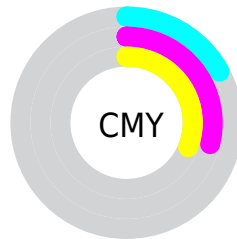
- Red (83%)
- Green (71%)
- Blue (69%)



- Red (83%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (17%)





- Cyan (17%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9231, 49.5865, 47.4447 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 50.9231, 49.5865, 47.4447 by changing the saturation by 10% instead.


 50.9231, 49.5865,
47.4447

 50.9231, 49.5865,
47.4447


380.6575,
385.0467, 393.0318

 36.3682, 35.0850,
33.0305


 90.7248, 89.5619,
87.7340

 24.8901, 23.7283,
21.8785


116.7022,
115.8046, 114.4461

 16.1235, 15.1322,
13.5702


147.2179,
146.7297, 146.0946

 9.7030, 8.9122,
7.6870

182.6373,
182.7218, 183.0980

 5.2632, 4.6840,
3.8104

223.3255,
224.1651, 225.8749

 2.4389, 2.0631,
1.5219

269.6481,

 0.8645, 0.6437,

271.4441, 274.8438

0.2342

321.9703,
324.9432, 330.4233

■ 0.0000, 0.0000,
0.0000

■ 50.9231, 49.5865,
47.4447

■ 50.9231, 49.5865,
47.4447

■ 45.5805, 41.9623,
36.2260

■ 57.0731, 58.3062,
60.5313

■ 41.0075, 35.3837,
26.7868

■ 64.0578, 68.1552,
75.5623

■ 37.1697, 29.8071,
19.0364

■ 71.9086, 79.1746,
92.6137

■ 34.0281, 25.1830,
12.8749

■ 79.9368, 91.1142,
107.9814

■ 31.5404, 21.4577,
8.1915

■ 80.6742, 92.5890,
108.2272

■ 29.6593, 18.5723,
4.8615

■ 28.3310, 16.4606,
2.7393

■ 27.4894, 15.0451,
1.6332

■ 27.3116, 14.7438,
1.4064

Harmonies

Analogous

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



51.6610, 49.5865, 53.3696



50.9231, 49.5865, 47.4447



49.1667, 49.5865, 43.5419

Triad

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



50.9231, 49.5865, 47.4447



43.3247, 49.5865, 48.4433



47.3487, 49.5865, 67.5739

Complementary

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



50.9231, 49.5865, 47.4447



51.5081, 57.9586, 70.1009

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.



45.1512, 49.5865, 65.9914



50.9231, 49.5865, 47.4447



42.8729, 49.5865, 54.6177

Square

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



50.9231, 49.5865, 47.4447



44.7854, 49.5865, 44.0849



43.5310, 49.5865, 61.1139



49.5560, 49.5865, 65.2806

Rectangle

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



50.9231, 49.5865, 47.4447



47.6808, 49.5865, 42.4332



43.5310, 49.5865, 61.1139



46.5844, 49.5865, 67.4778

Sweetspot

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



50.9245, 49.5887, 47.4457



89.6619, 92.4005, 97.3108



53.3594, 48.9755, 65.1614



19.0350, 19.5566, 20.4932



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.



50.9245, 49.5887, 47.4457



75.4553, 72.2522, 67.0959



54.7508, 57.2415, 48.7212



11.9394, 12.0695, 12.3124



16.5266, 8.9863, 0.8635



0.9680, 0.5904, 0.0629

Inverse Universe

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



51.5081, 57.9586, 70.1009



76.4920, 87.1377, 107.3954



47.4637, 49.8698, 68.7527



12.0125, 13.1152, 15.1420



17.2072, 23.0610, 40.7368



1.0016, 1.3684, 2.2909

Previews

White Background



This preview shows how the XYZ color 50.9231, 49.5865, 47.4447 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 50.9231, 49.5865, 47.4447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

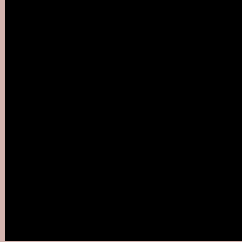
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9231, 49.5865, 47.4447

Background



This preview shows how black text looks on a background with the XYZ color 50.9231, 49.5865, 47.4447.



This preview shows how white text looks on a background with the XYZ color 50.9231, 49.5865,

47.4447.

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

50.9231, 49.5865, 47.4447

Protanopia

47.3330, 49.5386, 49.1867

Deuteranopia

50.8401, 49.8445, 47.4988



Tritanopia

52.7649, 49.7485, 56.1116

Trichromacy



Original Color

50.9231, 49.5865, 47.4447

Protanomaly

48.6295, 49.5974, 48.6052

Deuteranomaly

50.8401, 49.8445, 47.4988

Tritanomaly

52.0284, 49.7400, 52.7575

Monochromacy



Original Color

50.9231, 49.5865, 47.4447

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.2366, 50.4488, 52.4899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9231, 49.5865, 47.4447 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, 180, 175)` looks like.

```
.text, #text, p{  
    color:rgb(211, 180, 175)  
}
```

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, 180, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 180, 175) }
```

Border

The CSS property to change the border of an element to XYZ 50.9231, 49.5865, 47.4447 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, 180, 175) }
```


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

```
.border{ border-color:rgb(211, 180, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 180, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 180, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 180, 175);  
box-shadow:4px 4px 4px 4px rgb(211, 180,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9231, 49.5865, 47.4447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 180, 175) }
```

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

```
.background{ background-color: rgb(211,  
180, 175) }
```

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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