

Converting Colors

XYZ(50.2019, 46.8921, 54.9157)

Have a look what the booklet for
XYZ(50.2019, 46.8921, 54.9157)
contains.

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Color

**XYZ(50.2503, 47.0147,
55.1415)**

Conversions

Conversions Part 1

Format	Color
Hex	D0ADBE
RGB	208, 173, 190
RGB Percent	82%, 68%, 75%
CMY	0.1843, 0.3216, 0.2549
CMYK	0.00, 0.17, 0.09, 0.18
HSL	331°, 27%, 75%
HSV	331°, 17%, 82%
XYZ	50.2503, 47.0147, 55.1415
YIQ	185.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

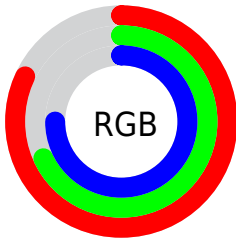
Format	Color
R_{YB}	208, 173, 190
Decimal	13675966
CIE _{Lab}	74.20, 15.51, -3.90
CIE _{LCh}	74, 15.993, 345.880
Yxy	47.0147, 0.3297, 0.3085
Android (android.graphics.Color)	4291866046 (0xFFD0ADBE)
YUV	185.4030, 2.2663, 19.8176
Hunter-Lab	68.5673, 10.8230, 0.3163

Details

The XYZ color **50.2503, 47.0147, 55.1415** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1953, 57.7589, 57.8487**, and the grayscale version is **46.3214, 48.7337, 53.0710**.

A 20% lighter version of the original color is **85.8939, 83.9524, 98.8661**, and **24.4896, 22.2532, 26.6715** is the 20% darker color. If you saturate the color by 10%, you get **45.4416, 39.2000, 47.9800**, and if you desaturate by 10%, it is **55.7684, 56.1097, 62.9641**.

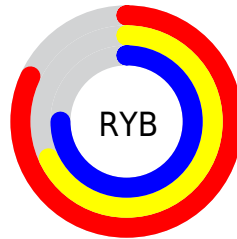
Distribution



Red (82%)

Green (68%)

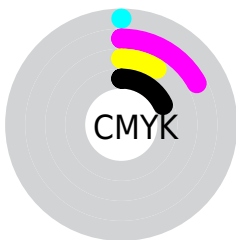
Blue (75%)



Red (82%)

Yellow (68%)

Blue (75%)

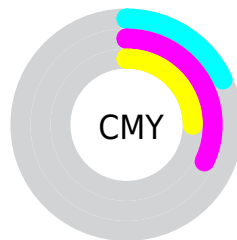


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (18%)



Cyan (18%)


Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2503, 47.0147, 55.1415 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 50.2503, 47.0147, 55.1415 by changing the saturation by 10% instead.


 50.2503, 47.0147,
55.1415

 50.2503, 47.0147,
55.1415


378.0798,
374.8732, 423.7451

 35.8309, 33.0473,
39.1157


 89.7352, 85.7356,
99.2215

 24.4732, 22.1627,
26.5412


115.5315,
111.2578, 128.1127

 15.8116, 13.9765,
16.9996

145.8508,
141.4004, 162.1294

 9.4809, 8.1043,
10.0722

181.0584,
176.5478, 201.6903

 5.1158, 4.1618,
5.3406

221.5198,
217.0844, 247.2137

 2.3508, 1.7645,
2.3863

267.6002,

 0.8205, 0.4649,

263.3946, 299.1183

0.7790

319.6651,
315.8627, 357.8226

■ 0.0000, 0.0000,
0.0000

■ 50.2503, 47.0147,
55.1415

■ 50.2503, 47.0147,
55.1415

■ 45.4416, 39.2000,
47.9800

■ 55.7684, 56.1097,
62.9641

■ 41.3079, 32.6013,
41.4573

■ 62.0206, 66.5331,
71.4631

■ 37.8176, 27.1582,
35.5544

■ 69.0349, 78.3381,
80.6570

■ 34.9353, 22.8025,
30.2495

■ 76.4514, 90.8015,
90.4339

■ 32.6214, 19.4589,
25.5196

■ 78.0250, 91.4310,
98.7202

■ 30.8318, 17.0422,
21.3394

■ 79.6928, 92.0981,
107.5028

■ 29.5151, 15.4530,
17.6810

■ 79.8228, 92.1501,
108.1874

■ 28.6043, 14.5614,
14.5105

■ 28.3626, 14.3500,
13.5916

Harmonies

Analogous

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



48.7630, 47.0147, 62.9920



50.2503, 47.0147, 55.1415



50.2029, 47.0147, 46.9901

Triad

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



50.2503, 47.0147, 55.1415



43.1941, 47.0147, 37.4532



40.9558, 47.0147, 63.3866

Complementary

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



50.2503, 47.0147, 55.1415



49.1953, 57.7589, 57.8487

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.



39.5889, 47.0147, 55.6352



50.2503, 47.0147, 55.1415



40.8430, 47.0147, 40.9644

Square

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



50.2503, 47.0147, 55.1415



46.0450, 47.0147, 37.3514



39.5485, 47.0147, 47.4339



43.3542, 47.0147, 68.0858

Rectangle

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



50.2503, 47.0147, 55.1415



49.3049, 47.0147, 42.4813



39.5485, 47.0147, 47.4339



40.3651, 47.0147, 61.0165

Sweetspot

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



50.2516, 47.0168, 55.1425



90.0786, 91.7180, 102.1227



47.6909, 45.4551, 65.9355



19.1362, 19.3917, 21.6594



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.



50.2516, 47.0168, 55.1425



76.9435, 70.0900, 83.4330



48.5005, 46.3163, 45.9212



12.0445, 11.9026, 13.5103



17.7254, 8.9630, 8.7261



1.0311, 0.5172, 0.6987

Inverse Universe

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



50.2516, 47.0168, 55.1425



76.9435, 70.0900, 83.4330



51.1761, 58.5513, 68.2796



12.0445, 11.9026, 13.5103



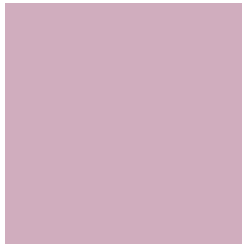
17.7254, 8.9630, 8.7261



1.0311, 0.5172, 0.6987

Previews

White Background



This preview shows how the XYZ color 50.2503, 47.0147, 55.1415 looks on a white background.

Color Contrast Check

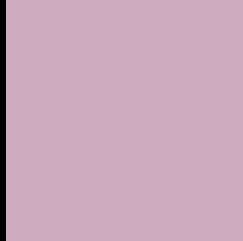
Large Text (above 18pt) WCAG AA × Fail

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 50.2503, 47.0147, 55.1415 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

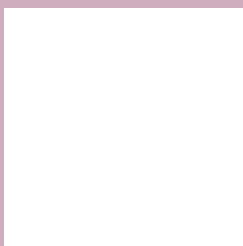
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2503, 47.0147, 55.1415

Background



This preview shows how black text looks on a background with the XYZ color 50.2503, 47.0147, 55.1415.



This preview shows how white text looks on a background with the XYZ color 50.2503, 47.0147,

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

50.2503, 47.0147, 55.1415

Protanopia

45.8697, 47.3411, 58.3499

Deuteranopia

47.9334, 46.9887, 54.6875



Tritanopia

49.9256, 46.8849, 53.4320

Trichromacy



Original Color

50.2503, 47.0147, 55.1415

Protanomaly

47.2316, 47.1668, 57.0668

Deuteranomaly

48.7980, 47.1423, 54.6716

Tritanomaly

50.0331, 46.9279, 53.9979

Monochromacy



Original Color

50.2503, 47.0147, 55.1415

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.4858, 47.9731, 53.7707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2503, 47.0147, 55.1415 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(208, 173, 190)` looks like.

```
.text, #text, p{  
    color:rgb(208, 173, 190)  
}
```

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(208, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 173, 190) }
```

Border

The CSS property to change the border of an element to XYZ 50.2503, 47.0147, 55.1415 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(208, 173, 190) }
```


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

```
.border{ border-color:rgb(208, 173, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 173, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(208, 173,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2503, 47.0147, 55.1415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 173, 190) }
```

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

```
.background{ background-color: rgb(208,  
173, 190) }
```

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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