

Converting Colors

XYZ(50.3032, 44.1463, 50.9572)

Have a look what the booklet for
XYZ(50.3032, 44.1463, 50.9572)
contains.

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Color

**XYZ(50.1873, 44.0531,
51.2053)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A2B8
RGB	217, 162, 184
RGB Percent	85%, 64%, 72%
CMY	0.1490, 0.3647, 0.2784
CMYK	0.00, 0.25, 0.15, 0.15
HSL	336°, 42%, 74%
HSV	336°, 25%, 85%
XYZ	50.1873, 44.0531, 51.2053
YIQ	180.9530, 25.7180, 18.5020

Conversions

Conversions Part 2

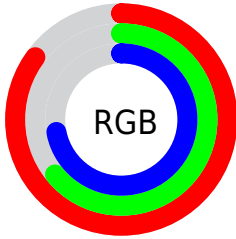
Format	Color
RYB	217, 162, 184
Decimal	14262968
CIELab	72.26, 23.68, -3.35
CIELCh	72, 23.918, 351.946
Yxy	44.0531, 0.3451, 0.3029
Android (android.graphics.Color)	4292453048 (0xFFD9A2B8)
YUV	180.9530, 1.5022, 31.6132
Hunter-Lab	66.3725, 18.8201, 0.7195

Details

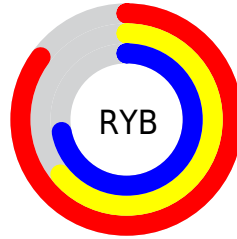
The XYZ color **50.1873, 44.0531, 51.2053** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5653, 61.2483, 60.8424**, and the grayscale version is **43.8791, 46.1642, 50.2728**.

A 20% lighter version of the original color is **81.7810, 77.1770, 93.0244**, and **24.3706, 20.3676, 24.1196** is the 20% darker color. If you saturate the color by 10%, you get **45.3870, 36.5368, 43.1782**, and if you desaturate by 10%, it is **55.7754, 52.9428, 60.1158**.

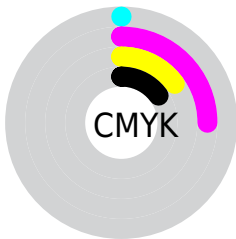
Distribution



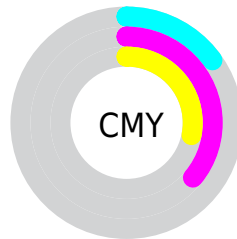
- Red (85%)
- Green (64%)
- Blue (72%)



- Red (85%)
- Yellow (64%)
- Blue (72%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (15%)





- Cyan (15%)
- Magenta (36%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1873, 44.0531, 51.2053 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 50.1873, 44.0531, 51.2053 by changing the saturation by 10% instead.


 50.1873, 44.0531,
51.2053


 50.1873, 44.0531,
51.2053


377.8378,
362.9249, 408.2302

 35.7807, 30.7123,
35.9942


 89.6425, 81.2976,
93.3728

 24.4342, 20.3798,
24.1400


 115.4217,
105.9701, 121.1662

 15.7825, 12.6715,
15.2244


145.7226,
135.1886, 153.9908

 9.4602, 7.2027,
8.8286

180.9103,
169.3375, 192.2651

 5.1021, 3.5892,
4.5343

221.3504,
208.8012, 236.4076

 2.3426, 1.4465,
1.9228

267.4081,

 0.8164, 0.2506,

253.9640, 286.8370

0.5072

319.4488,
305.2105, 343.9716

■ 0.0000, 0.0000,
0.0000

■ 50.1873, 44.0531,
51.2053

■ 50.1873, 44.0531,
51.2053

■ 45.3870, 36.5368,
43.1782

■ 55.7754, 52.9428,
60.1158

■ 41.3334, 30.3189,
36.0029

■ 62.1821, 63.2640,
69.9347

■ 37.9874, 25.3261,
29.6493

■ 69.4413, 75.0789,
80.6890

■ 35.3046, 21.4755,
24.0844

■ 77.5838, 88.4441,
92.4040

■ 33.2352, 18.6737,
19.2727

■ 81.4909, 93.1180,
103.3878

■ 31.7217, 16.8124,
15.1748

■ 82.4254, 93.4918,
108.3092

■ 30.6944, 15.7589,
11.7460

■ 30.3272, 15.4365,
10.3531

Harmonies

Analogous

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



48.4026, 44.0531, 63.3017



50.1873, 44.0531, 51.2053



49.6315, 44.0531, 40.0003

Triad

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



50.1873, 44.0531, 51.2053



38.9885, 44.0531, 29.8979



37.1895, 44.0531, 68.0708

Complementary

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



50.1873, 44.0531, 51.2053



49.5653, 61.2483, 60.8424

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.



34.9651, 44.0531, 56.9254



50.1873, 44.0531, 51.2053



35.9554, 44.0531, 35.3322

Square

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



50.1873, 44.0531, 51.2053



42.9873, 44.0531, 28.8766



34.5285, 44.0531, 44.8669



40.7745, 44.0531, 74.0260

Rectangle

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



50.1873, 44.0531, 51.2053



48.0238, 44.0531, 34.3811



34.5285, 44.0531, 44.8669



36.2678, 44.0531, 64.7282

Sweetspot

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



50.1886, 44.0551, 51.2062



86.9752, 86.9044, 96.7935



47.9521, 42.4548, 71.3133



18.3104, 18.1075, 20.2515



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.



50.1886, 44.0551, 51.2062



68.7807, 57.9084, 67.9366



49.0489, 45.1834, 40.3211



13.2707, 13.1374, 14.6869



18.4073, 9.3640, 6.5250



1.2343, 0.6234, 0.6430

Inverse Universe

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



50.1886, 44.0551, 51.2062



68.7807, 57.9084, 67.9366



50.8448, 59.5296, 74.4566



13.2707, 13.1374, 14.6869



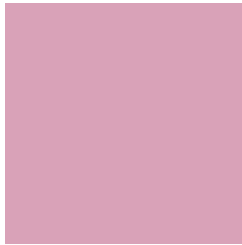
18.4073, 9.3640, 6.5250



1.2343, 0.6234, 0.6430

Previews

White Background



This preview shows how the XYZ color 50.1873, 44.0531, 51.2053 looks on a white background.

Color Contrast Check

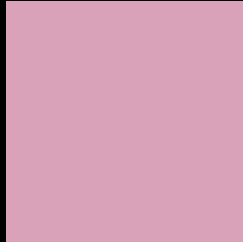
Large Text (above 18pt) WCAG AA × Fail

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 50.1873, 44.0531, 51.2053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

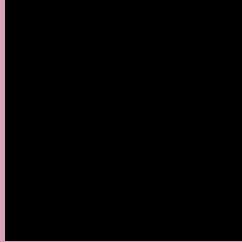
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1873, 44.0531, 51.2053

Background



This preview shows how black text looks on a background with the XYZ color 50.1873, 44.0531, 51.2053.



This preview shows how white text looks on a background with the XYZ color 50.1873, 44.0531,

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

50.1873, 44.0531, 51.2053

Protanopia

43.0555, 44.1310, 56.7010

Deuteranopia

45.1883, 44.2199, 50.4096



Tritanopia

49.2526, 43.9279, 46.9573

Trichromacy



Original Color

50.1873, 44.0531, 51.2053

Protanomaly

45.3430, 43.9199, 54.8027

Deuteranomaly

46.9070, 43.9807, 50.8166

Tritanomaly

49.5528, 44.0480, 48.5382

Monochromacy



Original Color

50.1873, 44.0531, 51.2053

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.8277, 45.1188, 50.5494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1873, 44.0531, 51.2053 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(217, 162, 184)` looks like.

```
.text, #text, p{  
    color:rgb(217, 162, 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(217, 162, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 162, 184) }
```

Border

The CSS property to change the border of an element to XYZ 50.1873, 44.0531, 51.2053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

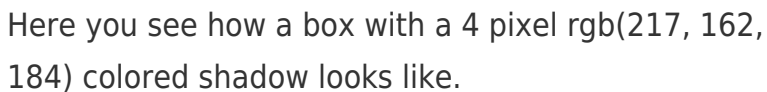
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 162, 184) }
```


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

```
.border{ border-color:rgb(217, 162, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 162, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 162, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 162, 184); box-shadow:4px 4px 4px 4px rgb(217, 162, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1873, 44.0531, 51.2053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 162, 184) }
```

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

```
.background{ background-color: rgb(217,  
162, 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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