

Converting Colors

XYZ(49.1503, 44.6719, 51.5280)

Have a look what the booklet for
XYZ(49.1503, 44.6719, 51.5280)
contains.

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Color

**XYZ(49.1519, 44.5820,
51.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A6B8
RGB	211, 166, 184
RGB Percent	83%, 65%, 72%
CMY	0.1725, 0.3490, 0.2784
CMYK	0.00, 0.21, 0.13, 0.17
HSL	336°, 34%, 74%
HSV	336°, 21%, 83%
XYZ	49.1519, 44.5820, 51.3620
YIQ	181.5070, 21.0420, 15.1380

Conversions

Conversions Part 2

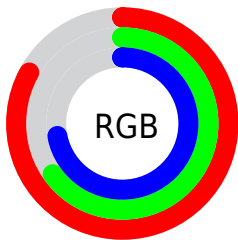
Format	Color
R _Y B	211, 166, 184
Decimal	13870776
CIE Lab	72.62, 19.37, -2.90
CIE LCh	73, 19.584, 351.476
Yxy	44.5820, 0.3388, 0.3073
Android (android.graphics.Color)	4292060856 (0xFFD3A6B8)
YUV	181.5070, 1.2290, 25.8654
Hunter-Lab	66.7698, 14.5540, 1.1306

Details

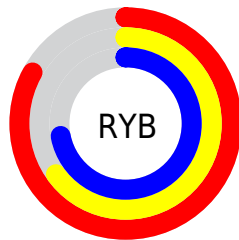
The XYZ color **49.1519, 44.5820, 51.3620** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6476, 58.5469, 59.1915**, and the grayscale version is **44.1821, 46.4830, 50.6200**.

A 20% lighter version of the original color is **82.8246, 79.2642, 93.3723**, and **23.8243, 20.7412, 24.2205** is the 20% darker color. If you saturate the color by 10%, you get **44.3582, 37.0240, 43.5066**, and if you desaturate by 10%, it is **54.6962, 53.4500, 60.0547**.

Distribution



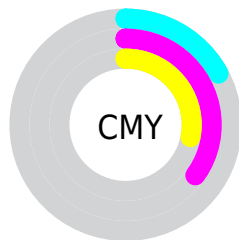
- Red (83%)
- Green (65%)
- Blue (72%)



- Red (83%)
- Yellow (65%)
- Blue (72%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (17%)





- Cyan (17%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1519, 44.5820, 51.3620 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 49.1519, 44.5820, 51.3620 by changing the saturation by 10% instead.


 49.1519, 44.5820,
51.3620


 49.1519, 44.5820,
51.3620


373.8471,
365.0780, 408.8552

 34.9550, 31.1283,
36.1181


 88.1164, 82.0928,
93.6066

 23.7946, 20.6966,
24.2350


 113.6147,
106.9187, 121.4444

 15.3052, 12.9024,
15.2942


143.6109,
136.3041, 154.3172

 9.1216, 7.3614,
8.8772

178.4703,
170.6335, 192.6435

 4.8783, 3.6891,
4.5655

218.5582,
210.2912, 236.8419

 2.2101, 1.5012,
1.9404

264.2401,

 0.7480, 0.2896,

255.6615, 287.3310

0.5183

315.8813,
307.1290, 344.5293

■ 0.0000, 0.0000,
0.0000

■ 49.1519, 44.5820,
51.3620

■ 49.1519, 44.5820,
51.3620

■ 44.3582, 37.0240,
43.5066

■ 54.6962, 53.4500,
60.0547

■ 40.2776, 30.7075,
36.4593

■ 61.0188, 63.6804,
69.6072

■ 36.8748, 25.5668,
30.1928

■ 68.1508, 75.3298,
80.0444

■ 34.1101, 21.5275,
24.6772

■ 76.1201, 88.4501,
91.3896

■ 31.9392, 18.5069,
19.8803

■ 79.4601, 92.1033,
101.8336

■ 30.3117, 16.4102,
15.7669

■ 80.6742, 92.5890,
108.2272

■ 29.1680, 15.1246,
12.2977

■ 28.4797, 14.4952,
9.7646

Harmonies

Analogous

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



47.6802, 44.5820, 61.1213



49.1519, 44.5820, 51.3620



48.7330, 44.5820, 42.0241

Triad

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



49.1519, 44.5820, 51.3620



40.0322, 44.5820, 33.1615



38.4426, 44.5820, 64.6590

Complementary

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



49.1519, 44.5820, 51.3620



48.6476, 58.5469, 59.1915

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.



36.5934, 44.5820, 55.7017



49.1519, 44.5820, 51.3620



37.4766, 44.5820, 37.8195

Square

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



49.1519, 44.5820, 51.3620



43.3473, 44.5820, 32.3234



36.2495, 44.5820, 45.8276



41.4151, 44.5820, 69.4411

Rectangle

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



49.1519, 44.5820, 51.3620



47.4471, 44.5820, 37.1994



36.2495, 44.5820, 45.8276



37.6757, 44.5820, 61.9841

Sweetspot

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



49.1532, 44.5840, 51.3629



88.9187, 90.0464, 99.7376



47.3881, 43.3152, 67.4916



18.8952, 19.0520, 21.1409



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.



49.1532, 44.5840, 51.3629



71.6667, 62.4437, 72.7117



48.2171, 45.5414, 42.3279



12.0018, 11.8855, 13.2854



17.2349, 8.7668, 6.1431



1.0024, 0.5057, 0.5475

Inverse Universe

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



49.1532, 44.5840, 51.3629



71.6667, 62.4437, 72.7117



49.6771, 57.1951, 70.0500



12.0018, 11.8855, 13.2854



17.2349, 8.7668, 6.1431



1.0024, 0.5057, 0.5475

Previews

White Background



This preview shows how the XYZ color 49.1519, 44.5820, 51.3620 looks on a white background.

Color Contrast Check

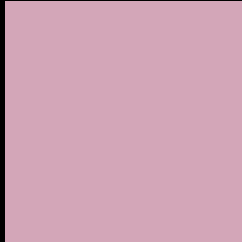
Large Text (above 18pt) WCAG AA × Fail

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 49.1519, 44.5820, 51.3620 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 49.1519, 44.5820, 51.3620

Background



This preview shows how black text looks on a background with the XYZ color 49.1519, 44.5820, 51.3620.



This preview shows how white text looks on a background with the XYZ color 49.1519, 44.5820,

51.3620.

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

49.1519, 44.5820, 51.3620

Protanopia

43.4862, 44.6708, 55.6206

Deuteranopia

45.7389, 44.7754, 51.0316



Tritanopia

48.6353, 44.6344, 49.2320

Trichromacy



Original Color

49.1519, 44.5820, 51.3620

Protanomaly

45.2559, 44.4651, 53.7743

Deuteranomaly

46.7414, 44.4477, 50.9155

Tritanomaly

48.7375, 44.6753, 49.7705

Monochromacy



Original Color

49.1519, 44.5820, 51.3620

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.0649, 45.8070, 51.2135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1519, 44.5820, 51.3620 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, 166, 184)` looks like.

```
.text, #text, p{  
    color:rgb(211, 166, 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(211, 166, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 166, 184) }
```

Border

The CSS property to change the border of an element to XYZ 49.1519, 44.5820, 51.3620 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, 166, 184) }
```


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

```
.border{ border-color:rgb(211, 166, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 166, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 166, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 166, 184); box-shadow:4px 4px 4px 4px rgb(211, 166, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1519, 44.5820, 51.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 166, 184) }
```

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

```
.background{ background-color: rgb(211,  
166, 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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