

Converting Colors

XYZ(51.3864, 44.1510, 60.6237)

Have a look what the booklet for
XYZ(51.3864, 44.1510, 60.6237)
contains.

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Color

**XYZ(51.4891, 44.2588,
60.4726)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A1C8
RGB	216, 161, 200
RGB Percent	85%, 63%, 78%
CMY	0.1529, 0.3686, 0.2157
CMYK	0.00, 0.25, 0.07, 0.15
HSL	317°, 41%, 74%
HSV	317°, 25%, 85%
XYZ	51.4891, 44.2588, 60.4726
YIQ	181.8910, 20.2610, 23.7890

Conversions

Conversions Part 2

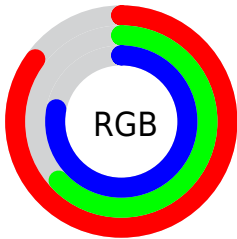
Format	Color
R _{YB}	216, 161, 200
Decimal	14197192
CIE _{Lab}	72.40, 26.56, -11.98
CIE _{LCh}	72, 29.134, 335.715
Yxy	44.2588, 0.3296, 0.2833
Android (android.graphics.Color)	4292387272 (0xFFD8A1C8)
YUV	181.8910, 8.9277, 29.9136
Hunter-Lab	66.5273, 21.7281, -7.3249

Details

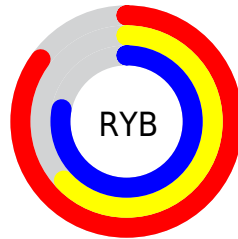
The XYZ color **51.4891, 44.2588, 60.4726** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.1914, 59.8644, 50.6654**, and the grayscale version is **44.3505, 46.6601, 50.8129**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **25.3549, 20.5897, 29.8320** is the 20% darker color. If you saturate the color by 10%, you get **47.3164, 37.0642, 55.5326**, and if you desaturate by 10%, it is **56.3466, 52.7735, 65.7908**.

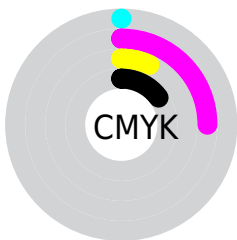
Distribution



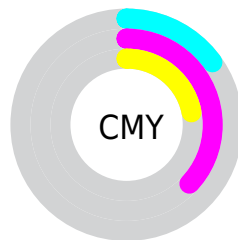
- Red (85%)
- Green (63%)
- Blue (78%)



- Red (85%)
- Yellow (63%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (15%)





- Cyan (15%)
- Magenta (37%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4891, 44.2588, 60.4726 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 51.4891, 44.2588, 60.4726 by changing the saturation by 10% instead.


 51.4891, 44.2588,
60.4726


 51.4891, 44.2588,
60.4726


382.8175,
363.7633, 444.1905

 36.8206, 30.8740,
43.3719


 91.5560, 81.6070,
107.0650

 25.2417, 20.5029,
29.8435


 117.6852,
106.3393, 137.3938

 16.3869, 12.7612,
19.4688


148.3653,
135.6228, 172.9690

 9.8909, 7.2643,
11.8292

183.9617,
169.8420, 214.2092

 5.3884, 3.6279,
6.5064

224.8398,
209.3812, 261.5329

 2.5140, 1.4677,
3.0816

271.3649,

 0.9023, 0.2658,

254.6249, 315.3586

1.1365

323.9023,
305.9575, 376.1050

■ 0.0000, 0.0000,
0.0000

■ 51.4891, 44.2588,
60.4726

■ 51.4891, 44.2588,
60.4726

■ 47.3164, 37.0642,
55.5326

■ 56.3466, 52.7735,
65.7908

■ 43.7907, 31.1165,
50.9550

■ 61.9165, 62.6647,
71.4967

■ 40.8765, 26.3445,
46.7266

■ 68.2296, 73.9928,
77.6027

■ 38.5331, 22.6676,
42.8320

■ 75.3135, 86.8127,
84.1197

■ 36.7146, 19.9945,
39.2541

■ 78.5627, 91.9125,
89.5142

■ 35.3678, 18.2195,
35.9732

■ 79.4687, 92.2749,
94.2850

■ 34.4274, 17.2126,
32.9656

■ 80.4069, 92.6501,
99.2254

■ 34.0822, 16.9043,
31.6726

■ 81.3776, 93.0384,
104.3373

■ 82.1292, 93.3391,
108.2953

Harmonies

Analogous

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



47.9545, 44.2588, 74.2898



51.4891, 44.2588, 60.4726



52.4168, 44.2588, 45.4906

Triad

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



51.4891, 44.2588, 60.4726



41.1131, 44.2588, 25.5917



34.7085, 44.2588, 66.1888

Complementary

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



51.4891, 44.2588, 60.4726



47.1914, 59.8644, 50.6654

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.



33.1775, 44.2588, 50.9947



51.4891, 44.2588, 60.4726



36.6817, 44.2588, 29.0552

Square

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



51.4891, 44.2588, 60.4726



46.1612, 44.2588, 27.1352



33.8702, 44.2588, 37.6950



38.2217, 44.2588, 78.0228

Rectangle

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



51.4891, 44.2588, 60.4726



51.3728, 44.2588, 37.1670



33.8702, 44.2588, 37.6950



33.9583, 44.2588, 61.2025

Sweetspot

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



51.4904, 44.2608, 60.4735



87.9430, 87.2915, 101.8895



43.1781, 39.7481, 70.3629



18.5542, 18.2050, 21.5354



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.



51.4904, 44.2608, 60.4735



71.3213, 58.1174, 83.8040



48.6001, 43.1047, 45.2535



12.7919, 12.5682, 14.8442



20.2220, 10.0251, 19.0048



1.2549, 0.6187, 1.3316

Inverse Universe

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



51.4904, 44.2608, 60.4735



71.3213, 58.1174, 83.8040



50.1644, 61.0536, 66.3210



12.7919, 12.5682, 14.8442



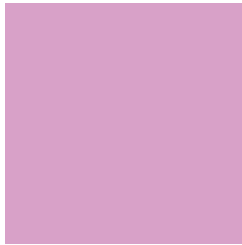
20.2220, 10.0251, 19.0048



1.2549, 0.6187, 1.3316

Previews

White Background



This preview shows how the XYZ color 51.4891, 44.2588, 60.4726 looks on a white background.

Color Contrast Check

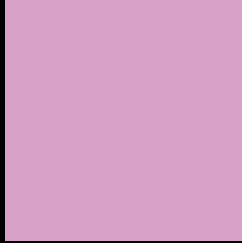
Large Text (above 18pt) WCAG AA × Fail

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 51.4891, 44.2588, 60.4726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

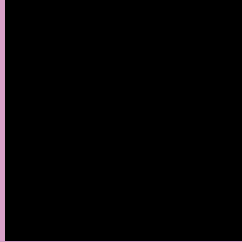
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4891, 44.2588, 60.4726

Background



This preview shows how black text looks on a background with the XYZ color 51.4891, 44.2588, 60.4726.



This preview shows how white text looks on a background with the XYZ color 51.4891, 44.2588,

60.4726.

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

51.4891, 44.2588, 60.4726

Protanopia

43.9528, 44.3617, 67.2189

Deuteranopia

45.3863, 44.4035, 59.6047



Tritanopia

48.9316, 44.2708, 48.0856

Trichromacy



Original Color

51.4891, 44.2588, 60.4726

Protanomaly

46.1970, 44.1468, 64.4789

Deuteranomaly

47.5227, 44.3698, 60.0923

Tritanomaly

49.8699, 44.3922, 52.3945

Monochromacy



Original Color

51.4891, 44.2588, 60.4726

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.5695, 45.4156, 54.4557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4891, 44.2588, 60.4726 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(216, 161, 200)` looks like.

```
.text, #text, p{  
    color:rgb(216, 161, 200)  
}
```

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(216, 161, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 161, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.4891, 44.2588, 60.4726 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(216, 161, 200) }
```


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

```
.border{ border-color:rgb(216, 161, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 161, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 161, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 161, 200);  
box-shadow:4px 4px 4px 4px rgb(216, 161,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4891, 44.2588, 60.4726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 161, 200) }
```

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

```
.background{ background-color: rgb(216,  
161, 200) }
```

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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