

Converting Colors

XYZ(51.0117, 44.3115, 66.5797)

Have a look what the booklet for
XYZ(51.0117, 44.3115, 66.5797)
contains.

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Color

**XYZ(51.0245, 44.4028,
66.8541)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A3D2
RGB	209, 163, 210
RGB Percent	82%, 64%, 82%
CMY	0.1804, 0.3608, 0.1765
CMYK	0.00, 0.22, 0.00, 0.18
HSL	299°, 34%, 73%
HSV	299°, 22%, 82%
XYZ	51.0245, 44.4028, 66.8541
YIQ	182.1120, 12.3290, 24.3690

Conversions

Conversions Part 2

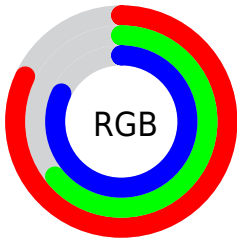
Format	Color
R_{YB}	209, 163, 210
Decimal	13738962
CIE _{Lab}	72.50, 24.91, -17.41
CIE _{LCh}	72, 30.392, 325.057
Yxy	44.4028, 0.3144, 0.2736
Android (android.graphics.Color)	4291929042 (0xFFD1A3D2)
YUV	182.1120, 13.7488, 23.5808
Hunter-Lab	66.6354, 20.0702, -12.8398

Details

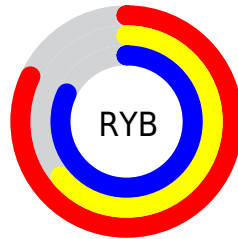
The XYZ color **51.0245, 44.4028, 66.8541** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.9689, 56.6312, 43.2133**, and the grayscale version is **44.4483, 46.7631, 50.9250**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **24.9273, 20.6055, 33.6738** is the 20% darker color. If you saturate the color by 10%, you get **47.4753, 37.4910, 65.7077**, and if you desaturate by 10%, it is **55.1959, 52.5569, 68.2088**.

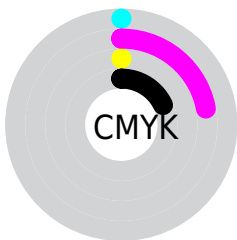
Distribution



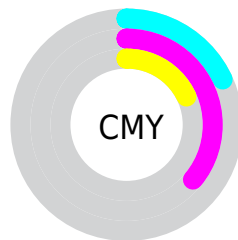
- Red (82%)
- Green (64%)
- Blue (82%)



- Red (82%)
- Yellow (64%)
- Blue (82%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0245, 44.4028, 66.8541 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 51.0245, 44.4028, 66.8541 by changing the saturation by 10% instead.


 51.0245, 44.4028,
66.8541


 51.0245, 44.4028,
66.8541


381.0451,
364.3495, 467.9126

 36.4492, 30.9873,
48.5052


 90.8738, 81.8235,
116.3500

 24.9531, 20.5892,
33.8643


 116.8785,
106.5975, 148.3341

 16.1706, 12.8240,
22.5129


147.4237,
135.9265, 185.7003

 9.7366, 7.3075,
14.0323


182.8748,
170.1948, 228.8672

 5.2856, 3.6551,
8.0041

223.5971,
209.7869, 278.2534

 2.4522, 1.4826,
4.0098

269.9560,

 0.8712, 0.2764,

255.0871, 334.2773

1.6307

322.3169,
306.4798, 397.3575

■ 0.0000, 0.0000,
0.3126

■ 0.0000, 0.0000,
0.0000

■ 51.0245, 44.4028,
66.8541

■ 51.0245, 44.4028,
66.8541

■ 47.4753, 37.4910,
65.7077

■ 55.1959, 52.5569,
68.2088

■ 44.5136, 31.7546,
64.7566

■ 60.0139, 62.0044,
69.7784

■ 42.1078, 27.1292,
63.9906

■ 65.5064, 72.8004,
71.5728

■ 40.2213, 23.5421,
63.3976

■ 71.6986, 84.9955,
73.6003

38.8135, 20.9117,
62.9641

74.3243, 90.0568,
74.4388

37.8374, 19.1444,
62.6744

74.4527, 90.1230,
74.4448

37.2370, 18.1277,
62.5098

74.5814, 90.1893,
74.4509

36.9573, 17.7084,
62.4436

74.7105, 90.2559,
74.4569

74.8399, 90.3226,
74.4630

Harmonies

Analogous

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



46.6217, 44.4028, 79.5251



51.0245, 44.4028, 66.8541



53.0726, 44.4028, 50.8794

Triad

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



51.0245, 44.4028, 66.8541



43.0787, 44.4028, 24.8981



33.7089, 44.4028, 61.6440

Complementary

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



51.0245, 44.4028, 66.8541



44.9689, 56.6312, 43.2133

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.



32.9300, 44.4028, 45.9002



51.0245, 44.4028, 66.8541



38.0737, 44.4028, 26.6140

Square

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



51.0245, 44.4028, 66.8541



48.2491, 44.4028, 28.3212



34.4627, 44.4028, 33.6158



36.6853, 44.4028, 76.1066

Rectangle

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



51.0245, 44.4028, 66.8541



52.7137, 44.4028, 41.2236



34.4627, 44.4028, 33.6158



33.1924, 44.4028, 56.2473

Sweetspot

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



51.0259, 44.4047, 66.8551



89.4781, 89.0633, 107.0827



40.1161, 39.1961, 66.4247



19.0544, 18.8718, 22.8883



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.



51.0259, 44.4047, 66.8551



76.3437, 63.3843, 102.8184



48.7612, 43.5317, 53.4486



12.2849, 11.9957, 14.9116



22.5547, 10.8077, 38.0898



1.2692, 0.6085, 2.1301

Inverse Universe

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



46.3779, 42.5783, 40.8981



67.8661, 60.0553, 55.3743



46.9023, 57.3808, 54.4673



11.8188, 11.8123, 12.3216



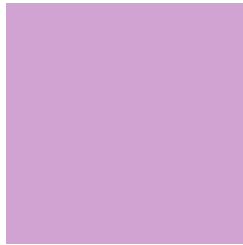
16.2320, 8.3656, 0.8620



0.9112, 0.4692, 0.0675

Previews

White Background



This preview shows how the XYZ color 51.0245, 44.4028, 66.8541 looks on a white background.

Color Contrast Check

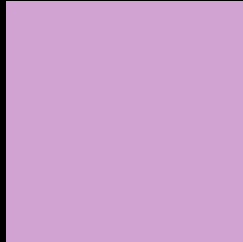
Large Text (above 18pt) WCAG AA × Fail

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 51.0245, 44.4028, 66.8541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

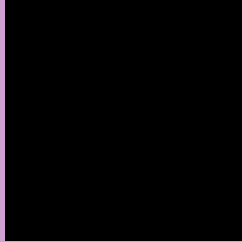
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0245, 44.4028, 66.8541

Background



This preview shows how black text looks on a background with the XYZ color 51.0245, 44.4028, 66.8541.



This preview shows how white text looks on a background with the XYZ color 51.0245, 44.4028,

66.8541.

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

51.0245, 44.4028, 66.8541

Protanopia

44.4600, 44.4900, 73.2620

Deuteranopia

45.5773, 44.6499, 65.8906



Tritanopia

47.5200, 44.3206, 49.7662

Trichromacy



Original Color

51.0245, 44.4028, 66.8541

Protanomaly

46.4860, 44.1510, 71.0377

Deuteranomaly

47.3692, 44.4293, 66.4007

Tritanomaly

48.6042, 44.2000, 55.8389

Monochromacy



Original Color

51.0245, 44.4028, 66.8541

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.5826, 45.6722, 56.2296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0245, 44.4028, 66.8541 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(209, 163, 210)` looks like.

```
.text, #text, p{  
    color:rgb(209, 163, 210)  
}
```

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(209, 163, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 163, 210) }
```

Border

The CSS property to change the border of an element to XYZ 51.0245, 44.4028, 66.8541 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(209, 163, 210) }
```


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

```
.border{ border-color:rgb(209, 163, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 163, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 163, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 163, 210);  
box-shadow:4px 4px 4px 4px rgb(209, 163,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0245, 44.4028, 66.8541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 163, 210) }
```

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

```
.background{ background-color: rgb(209,  
163, 210) }
```

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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