

Converting Colors

XYZ(60.5414, 51.9068, 79.4650)

Have a look what the booklet for
XYZ(60.5414, 51.9068, 79.4650)
contains.

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Color

**XYZ(60.4873, 51.7641,
79.4765)**

Conversions

Conversions Part 1

Format	Color
Hex	E3ADE3
RGB	227, 173, 227
RGB Percent	89%, 68%, 89%
CMY	0.1098, 0.3215, 0.1098
CMYK	0.00, 0.24, 0.00, 0.11
HSL	300°, 49%, 78%
HSV	300°, 24%, 89%
XYZ	60.4873, 51.7641, 79.4765
YIQ	195.3020, 14.8500, 28.2420

Conversions

Conversions Part 2

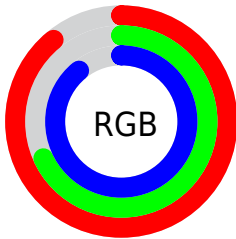
Format	Color
R _Y B	227, 173, 227
Decimal	14921187
CIE Lab	77.14, 28.61, -19.49
CIE LCh	77, 34.620, 325.737
Yxy	51.7641, 0.3155, 0.2700
Android (android.graphics.Color)	4293111267 (0xFFE3ADE3)
YUV	195.3020, 15.6271, 27.7991
Hunter-Lab	71.9473, 24.1603, -15.1316

Details

The XYZ color **60.4873, 51.7641, 79.4765** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.2476, 66.8412, 49.6860**, and the grayscale version is **51.9567, 54.6625, 59.5274**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **30.9575, 25.0694, 42.2370** is the 20% darker color. If you saturate the color by 10%, you get **56.4994, 43.7874, 78.1476**, and if you desaturate by 10%, it is **65.2179, 61.2243, 81.0541**.

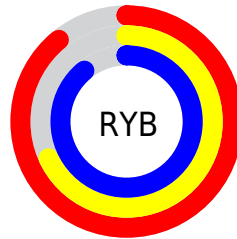
Distribution



Red (89%)

Green (68%)

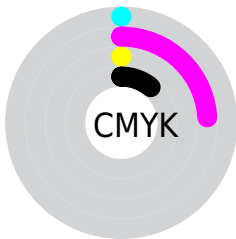
Blue (89%)



Red (89%)

Yellow (68%)

Blue (89%)

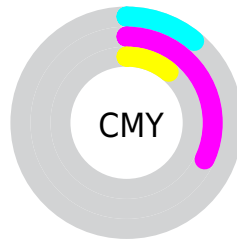


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (32%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4873, 51.7641, 79.4765 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 60.4873, 51.7641, 79.4765 by changing the saturation by 10% instead.


 60.4873, 51.7641,
79.4765

 60.4873, 51.7641,
79.4765


416.1976,
393.5252, 512.8270

 44.0625, 36.8171,
58.7640

 104.6386, 92.7832,
134.4342

 30.9178, 25.0659,
42.0044


133.0957,
119.6242, 169.5165

 20.6878, 16.1262,
28.7792


166.2944,
151.1985, 210.2259

 13.0071, 9.6135,
18.6697

204.5999,
187.8906, 256.9808

 7.5105, 5.1434,
11.2575

248.3776,
230.0850, 310.1998

 3.8325, 2.3317,
6.1239

297.9929,

 1.6078, 0.7904,

278.1659, 370.3015

2.8506

353.8111,
332.5179, 437.7044

■ 0.3975, 0.0000,
1.0189

■ 0.0000, 0.0000,
0.0000

■ 60.4873, 51.7641,
79.4765

■ 60.4873, 51.7641,
79.4765

■ 56.4994, 43.7874,
78.1476

■ 65.2179, 61.2243,
81.0541

■ 53.2120, 37.2127,
77.0516

■ 70.7211, 72.2306,
82.8887

■ 50.5861, 31.9610,
76.1762

■ 77.0310, 84.8504,
84.9922

■ 48.5769, 27.9427,
75.5063

■ 81.3045, 93.3973,
86.4168

47.1342, 25.0572,
75.0252

81.3045, 93.3973,
86.4170

46.1996, 23.1882,
74.7135

81.3046, 93.3974,
86.4172

45.7025, 22.1941,
74.5476

81.3046, 93.3974,
86.4174

45.5441, 21.8772,
74.4947

81.3046, 93.3974,
86.4176

81.3047, 93.3974,
86.4177

Harmonies

Analogous

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



54.9370, 51.7641, 95.9886



60.4873, 51.7641, 79.4765



63.0162, 51.7641, 59.1154

Triad

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



60.4873, 51.7641, 79.4765



50.1524, 51.7641, 27.2655



38.6022, 51.7641, 73.7201

Complementary

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



60.4873, 51.7641, 79.4765



52.2476, 66.8412, 49.6860

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.



37.5674, 51.7641, 53.6960



60.4873, 51.7641, 79.4765



43.8774, 51.7641, 29.4897

Square

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



60.4873, 51.7641, 79.4765



56.7196, 51.7641, 31.2843



39.4126, 51.7641, 38.2299



42.3766, 51.7641, 92.1762

Rectangle

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



60.4873, 51.7641, 79.4765



62.4964, 51.7641, 47.0421



39.4126, 51.7641, 38.2299



37.9378, 51.7641, 66.8388

Sweetspot

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



60.4889, 51.7664, 79.4776



89.6176, 89.1353, 107.0890



46.0446, 44.3200, 78.8021



19.0868, 18.8885, 22.8898



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.



60.4889, 51.7664, 79.4776



75.8239, 61.5480, 102.4906



57.0493, 50.3905, 61.3652



14.9952, 14.6153, 18.1750



26.5610, 12.7586, 43.4449



1.9628, 0.9428, 3.2104

Inverse Universe

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



60.4889, 51.7664, 79.4776



75.8239, 61.5480, 102.4906



55.1300, 67.9942, 64.8642



14.9952, 14.6153, 18.1750



26.5610, 12.7586, 43.4449



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 60.4873, 51.7641, 79.4765 looks on a white background.

Color Contrast Check

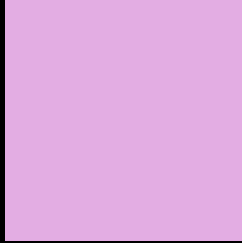
Large Text (above 18pt) WCAG AA × Fail

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 60.4873, 51.7641, 79.4765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

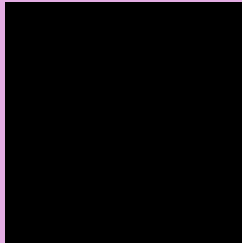
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4873, 51.7641, 79.4765

Background



This preview shows how black text looks on a background with the XYZ color 60.4873, 51.7641, 79.4765.



This preview shows how white text looks on a background with the XYZ color 60.4873, 51.7641,

79.4765.

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

60.4873, 51.7641, 79.4765

Protanopia

52.2206, 52.1519, 88.2029

Deuteranopia

53.0058, 51.8371, 77.7329



Tritanopia

55.8699, 51.6201, 57.4711

Trichromacy



Original Color

60.4873, 51.7641, 79.4765

Protanomaly

54.5497, 51.5432, 84.9157

Deuteranomaly

55.2913, 51.4631, 78.2534

Tritanomaly

57.4821, 51.6994, 64.7069

Monochromacy



Original Color

60.4873, 51.7641, 79.4765

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.7649, 53.3110, 66.4351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4873, 51.7641, 79.4765 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(227, 173, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 173, 227)  
}
```

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(227, 173, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 173, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.4873, 51.7641, 79.4765 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(227, 173, 227) }
```


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

```
.border{ border-color:rgb(227, 173, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 173, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 173, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 173, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 173,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4873, 51.7641, 79.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 173, 227) }
```

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

```
.background{ background-color: rgb(227,  
173, 227) }
```

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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