

Converting Colors

XYZ(61.4370, 54.2322, 79.3864)

Have a look what the booklet for
XYZ(61.4370, 54.2322, 79.3864)
contains.

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Color

**XYZ(61.4128, 54.3023,
79.1961)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E2B4E2 |
| RGB | 226, 180, 226 |
| RGB Percent | 89%, 71%, 89% |
| CMY | 0.1137, 0.2941, 0.1137 |
| CMYK | 0.00, 0.20, 0.00, 0.11 |
| HSL | 300°, 44%, 80% |
| HSV | 300°, 20%, 89% |
| XYZ | 61.4128, 54.3023, 79.1961 |
| YIQ | 198.9980, 12.6500, 24.0580 |

Conversions

Conversions Part 2

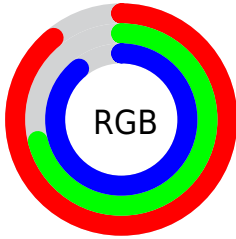
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 226, 180, 226 |
| Decimal | 14857442 |
| CIE Lab | 78.64, 24.34, -16.70 |
| CIE LCh | 79, 29.514, 325.549 |
| Yxy | 54.3023, 0.3151, 0.2786 |
| Android (android.graphics.Color) | 4293047522 (0xFFE2B4E2) |
| YUV | 198.9980, 13.3120, 23.6808 |
| Hunter-Lab | 73.6901, 19.8030, -12.1370 |

Details

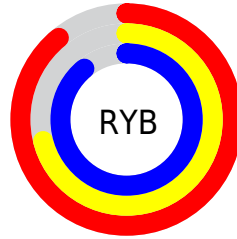
The XYZ color **61.4128, 54.3023, 79.1961** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **54.2592, 67.3930, 53.3314**, and the grayscale version is **54.2021, 57.0248, 62.1000**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **31.5176, 26.6651, 42.0138** is the 20% darker color. If you saturate the color by 10%, you get **57.2177, 45.9113, 77.7982**, and if you desaturate by 10%, it is **66.3550, 64.1858, 80.8443**.

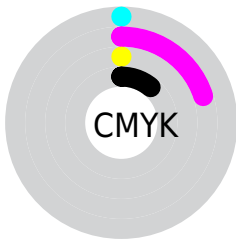
Distribution



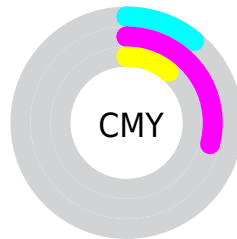
- Red (89%)
- Green (71%)
- Blue (89%)



- Red (89%)
- Yellow (71%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4128, 54.3023, 79.1961 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 61.4128, 54.3023, 79.1961 by changing the saturation by 10% instead.

61.4128, 54.3023,
79.1961

61.4128, 54.3023,
79.1961

419.5377,
403.2617, 511.8546

44.8122, 38.8434,
58.5348

105.9711, 96.5180,
134.0361

31.5102, 26.6379,
41.8212

134.6596,
124.0435, 169.0518

21.1414, 17.3015,
28.6368

168.1081,
156.3601, 209.6894

13.3404, 10.4497,
18.5630

206.6819,
193.8520, 256.3674

7.7420, 5.6981,
11.1813

250.7464,
236.9038, 309.5044

3.9807, 2.6624,
6.0732

300.6669,

1.6912, 0.9581,

285.8997, 369.5189

2.8202

356.8089,
341.2242, 436.8295

■ 0.4508, 0.0000,
1.0036

■ 0.0000, 0.0000,
0.0000

■ 61.4128, 54.3023,
79.1961

■ 61.4128, 54.3023,
79.1961

■ 57.2177, 45.9113,
77.7982

■ 66.3550, 64.1858,
80.8443

■ 53.7289, 38.9336,
76.6351

■ 72.0730, 75.6217,
82.7504

■ 50.9088, 33.2936,
75.6949

■ 78.5999, 88.6755,
84.9262

■ 48.7149, 28.9058,
74.9635

■ 80.8523, 93.1801,
85.6771

47.0994, 25.6748,
74.4248

80.8523, 93.1801,
85.6773

46.0078, 23.4916,
74.0608

80.8523, 93.1801,
85.6775

45.3751, 22.2263,
73.8498

80.8524, 93.1801,
85.6776

45.0919, 21.6600,
73.7552

80.8524, 93.1802,
85.6778

80.8524, 93.1802,
85.6780

Harmonies

Analogous

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



56.5967, 54.3023, 93.0533



61.4128, 54.3023, 79.1961



63.6067, 54.3023, 61.6507

Triad

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



61.4128, 54.3023, 79.1961



52.4869, 54.3023, 32.5604



42.1508, 54.3023, 74.0710

Complementary

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



61.4128, 54.3023, 79.1961



54.2592, 67.3930, 53.3314

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.



41.2300, 54.3023, 56.6711



61.4128, 54.3023, 79.1961



46.9303, 54.3023, 34.6463

Square

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



61.4128, 54.3023, 79.1961



58.2130, 54.3023, 36.4191



42.9149, 54.3023, 42.7701



45.5312, 54.3023, 89.7252

Rectangle

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



61.4128, 54.3023, 79.1961



63.1752, 54.3023, 50.9355



42.9149, 54.3023, 42.7701



41.5548, 54.3023, 68.1505

Sweetspot

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



61.4145, 54.3047, 79.1973



90.3618, 90.6237, 107.3372



48.8736, 47.8396, 78.6107



19.2368, 19.1886, 22.9398



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.



61.4145, 54.3047, 79.1973



78.5372, 66.9746, 103.3953



58.4667, 53.1256, 63.6748



14.2951, 13.9357, 17.3241



25.7245, 12.3568, 42.0767



1.7831, 0.8565, 2.9165

Inverse Universe

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



61.4145, 54.3047, 79.1973



78.5372, 66.9746, 103.3953



56.8003, 68.4094, 66.7127



14.2951, 13.9357, 17.3241



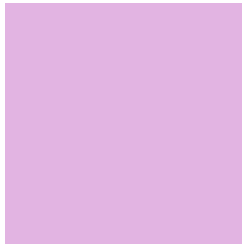
25.7245, 12.3568, 42.0767



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 61.4128, 54.3023, 79.1961 looks on a white background.

Color Contrast Check

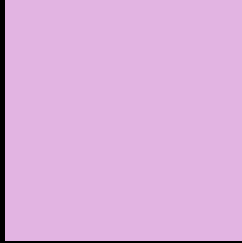
Large Text (above 18pt) WCAG AA × Fail

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 61.4128, 54.3023, 79.1961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

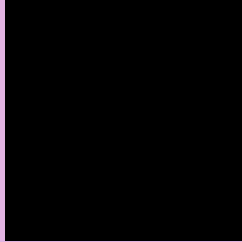
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4128, 54.3023, 79.1961

Background



This preview shows how black text looks on a background with the XYZ color 61.4128, 54.3023, 79.1961.



This preview shows how white text looks on a background with the XYZ color 61.4128, 54.3023,

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

61.4128, 54.3023, 79.1961

Protanopia

54.3151, 54.5772, 86.2690

Deuteranopia

55.6874, 54.4881, 78.1032



Tritanopia

57.7820, 54.3510, 61.4782

Trichromacy



Original Color

61.4128, 54.3023, 79.1961

Protanomaly

56.6361, 54.2101, 83.8225

Deuteranomaly

57.4440, 54.1094, 78.6507

Tritanomaly

58.8735, 54.1584, 67.6722

Monochromacy



Original Color

61.4128, 54.3023, 79.1961

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.6528, 55.8580, 68.1174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4128, 54.3023, 79.1961 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(226, 180, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 180, 226)  
}
```

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(226, 180, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 180, 226) }
```

Border

The CSS property to change the border of an element to XYZ 61.4128, 54.3023, 79.1961 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(226, 180, 226) }
```


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

```
.border{ border-color:rgb(226, 180, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 180, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 180, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 180, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 180,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4128, 54.3023, 79.1961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 180, 226) }
```

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

```
.background{ background-color: rgb(226,  
180, 226) }
```

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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