

Converting Colors

XYZ(61.0802, 54.7123, 74.2962)

Have a look what the booklet for
XYZ(61.0802, 54.7123, 74.2962)
contains.

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Color

**XYZ(61.1927, 54.9013,
74.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B6DB
RGB	227, 182, 219
RGB Percent	89%, 71%, 86%
CMY	0.1098, 0.2863, 0.1412
CMYK	0.00, 0.20, 0.04, 0.11
HSL	311°, 45%, 80%
HSV	311°, 20%, 89%
XYZ	61.1927, 54.9013, 74.3896
YIQ	199.6730, 14.9430, 21.0470

Conversions

Conversions Part 2

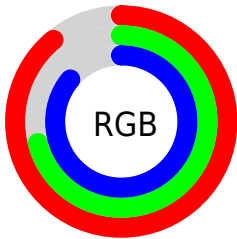
Format	Color
R_{YB}	227, 182, 219
Decimal	14923483
CIE _{Lab}	78.98, 22.33, -12.38
CIE _{LCh}	79, 25.530, 330.985
Yxy	54.9013, 0.3212, 0.2882
Android (android.graphics.Color)	4293113563 (0xFFE3B6DB)
YUV	199.6730, 9.5282, 23.9658
Hunter-Lab	74.0954, 17.7497, -7.6586

Details

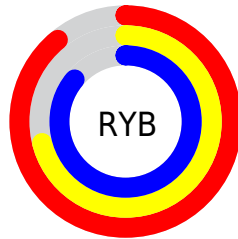
The XYZ color **61.1927, 54.9013, 74.3896** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.0570, 68.6026, 59.0055**, and the grayscale version is **54.6369, 57.4823, 62.5982**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **31.3457, 27.0388, 38.6889** is the 20% darker color. If you saturate the color by 10%, you get **56.3909, 46.1370, 70.1996**, and if you desaturate by 10%, it is **66.7642, 65.1827, 78.9010**.

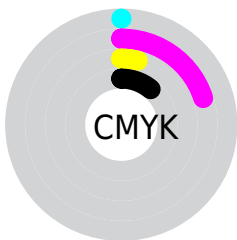
Distribution



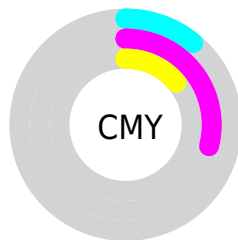
- Red (89%)
- Green (71%)
- Blue (86%)



- Red (89%)
- Yellow (71%)
- Blue (86%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1927, 54.9013, 74.3896 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 61.1927, 54.9013, 74.3896 by changing the saturation by 10% instead.

61.1927, 54.9013,
74.3896

61.1927, 54.9013,
74.3896

418.7448,
405.5377, 495.0162

44.6338, 39.3227,
54.6143

105.6544, 97.3963,
127.1871

31.3692, 27.0109,
38.6965

134.2880,
125.0816, 161.0463

21.0333, 17.5814,
26.2177

167.6772,
157.5711, 200.4372

13.2610, 10.6499,
16.7593

206.1874,
195.2494, 245.7784

7.6867, 5.8319,
9.9029

250.1839,
238.5008, 297.4883

3.9453, 2.7431,
5.2299

300.0320,

1.6712, 0.9992,

287.7097, 355.9856

2.3217

356.0972,
343.2605, 421.6887

■ 0.4381, 0.0000,
0.7433

■ 0.0000, 0.0000,
0.0000

■ 61.1927, 54.9013,
74.3896

■ 61.1927, 54.9013,
74.3896

■ 56.3909, 46.1370,
70.1996

■ 66.7642, 65.1827,
78.9010

■ 52.3176, 38.8099,
66.3150

■ 73.1344, 77.0415,
83.7419

■ 48.9350, 32.8441,
62.7233

■ 80.3367, 90.5437,
88.9247

■ 46.2000, 28.1533,
59.4096

■ 82.4554, 93.8577,
92.4779

44.0648, 24.6419,
56.3577

83.0458, 94.0938,
95.5869

42.4743, 22.2003,
53.5487

83.6495, 94.3353,
98.7660

41.3638, 20.6986,
50.9605

84.2666, 94.5822,
102.0158

40.6223, 19.9154,
48.5556

84.8972, 94.8344,
105.3366

40.6102, 19.9036,
48.5137

85.4890, 95.0711,
108.4526

Harmonies

Analogous

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



57.3707, 54.9013, 87.0918



61.1927, 54.9013, 74.3896



62.5636, 54.9013, 59.2988

Triad

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



61.1927, 54.9013, 74.3896



52.0144, 54.9013, 35.9558



44.2526, 54.9013, 75.3570

Complementary

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



61.1927, 54.9013, 74.3896



56.0570, 68.6026, 59.0055

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.



43.0175, 54.9013, 60.2602



61.1927, 54.9013, 74.3896



47.3161, 54.9013, 38.8710

Square

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



61.1927, 54.9013, 74.3896



57.0615, 54.9013, 38.5113



44.1024, 54.9013, 47.2175



47.5890, 54.9013, 87.7111

Rectangle

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



61.1927, 54.9013, 74.3896



61.8374, 54.9013, 50.3145



44.1024, 54.9013, 47.2175



43.5880, 54.9013, 70.3598

Sweetspot

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



61.1943, 54.9037, 74.3908



89.9269, 90.4497, 105.0469



51.7060, 49.8877, 79.5781



19.1337, 19.1473, 22.3966



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.



61.1943, 54.9037, 74.3908



76.8345, 66.2935, 94.4288



58.4865, 53.8206, 60.1316



14.8794, 14.5689, 17.5651



23.7229, 11.6234, 28.4995



1.7819, 0.8705, 2.2582

Inverse Universe

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



61.1943, 54.9037, 74.3908



76.8345, 66.2935, 94.4288



58.6461, 69.6382, 72.6397



14.8794, 14.5689, 17.5651



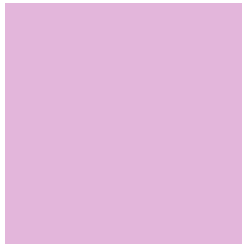
23.7229, 11.6234, 28.4995



1.7819, 0.8705, 2.2582

Previews

White Background



This preview shows how the XYZ color 61.1927, 54.9013, 74.3896 looks on a white background.

Color Contrast Check

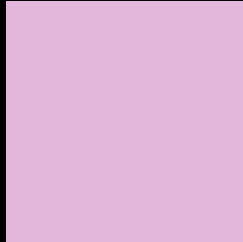
Large Text (above 18pt) WCAG AA × Fail

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 61.1927, 54.9013, 74.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

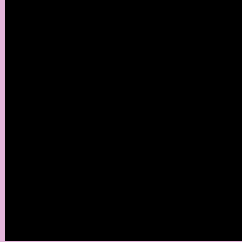
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1927, 54.9013, 74.3896

Background



This preview shows how black text looks on a background with the XYZ color 61.1927, 54.9013, 74.3896.



This preview shows how white text looks on a background with the XYZ color 61.1927, 54.9013,

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

61.1927, 54.9013, 74.3896

Protanopia

54.3921, 55.0768, 80.4372

Deuteranopia

56.3320, 55.2505, 73.3410



Tritanopia

58.5148, 54.7153, 62.1206

Trichromacy



Original Color

61.1927, 54.9013, 74.3896

Protanomaly

56.4966, 54.9052, 78.1411

Deuteranomaly

58.0787, 55.1745, 73.9183

Tritanomaly

59.4543, 54.7935, 66.4741

Monochromacy



Original Color

61.1927, 54.9013, 74.3896

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.9108, 56.3466, 66.9079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1927, 54.9013, 74.3896 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, 182, 219)` looks like.

```
.text, #text, p{  
    color:rgb(227, 182, 219)  
}
```

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, 182, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 182, 219) }
```

Border

The CSS property to change the border of an element to XYZ 61.1927, 54.9013, 74.3896 is called "border". The border property can be set on classes, ids or directly on the HTML element.

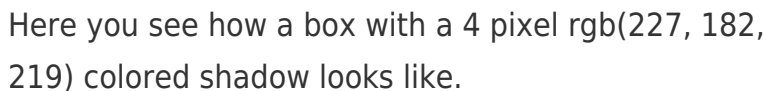
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 182, 219) }
```


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

```
.border{ border-color:rgb(227, 182, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 182, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 182, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 182, 219); box-shadow:4px 4px 4px 4px rgb(227, 182, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1927, 54.9013, 74.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 182, 219) }
```

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

```
.background{ background-color: rgb(227,  
182, 219) }
```

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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