

Converting Colors

XYZ(61.8679, 54.0154, 74.8210)

Have a look what the booklet for
XYZ(61.8679, 54.0154, 74.8210)
contains.

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Color

**XYZ(61.7937, 53.9970,
74.8757)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B2DC
RGB	231, 178, 220
RGB Percent	91%, 70%, 86%
CMY	0.0941, 0.3019, 0.1373
CMYK	0.00, 0.23, 0.05, 0.09
HSL	312°, 52%, 80%
HSV	312°, 23%, 91%
XYZ	61.7937, 53.9970, 74.8757
YIQ	198.6350, 18.1060, 24.2980

Conversions

Conversions Part 2

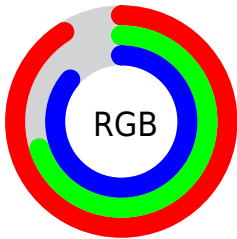
Format	Color
R_{YB}	231, 178, 220
Decimal	15184604
CIE _{Lab}	78.46, 26.00, -13.67
CIE _{LCh}	78, 29.370, 332.262
Yxy	53.9970, 0.3241, 0.2832
Android (android.graphics.Color)	4293374684 (0xFFE7B2DC)
YUV	198.6350, 10.5329, 28.3841
Hunter-Lab	73.4827, 21.5112, -8.9761

Details

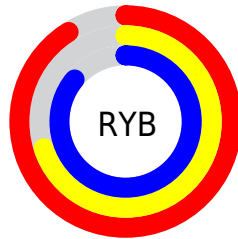
The XYZ color **61.7937, 53.9970, 74.8757** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.1235, 70.2926, 58.7571**, and the grayscale version is **53.9945, 56.8064, 61.8622**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **31.8043, 26.4978, 39.0356** is the 20% darker color. If you saturate the color by 10%, you get **56.9533, 45.3172, 70.1743**, and if you desaturate by 10%, it is **67.4295, 64.2367, 79.9333**.

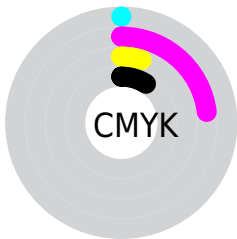
Distribution



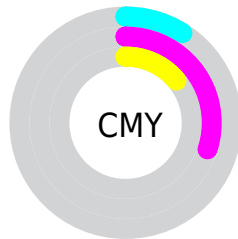
- Red (91%)
- Green (70%)
- Blue (86%)



- Red (91%)
- Yellow (70%)
- Blue (86%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (9%)



- Cyan (9%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7937, 53.9970, 74.8757 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 61.7937, 53.9970, 74.8757 by changing the saturation by 10% instead.

61.7937, 53.9970,
74.8757

61.7937, 53.9970,
74.8757

420.9077,
402.0986, 496.7342

45.1210, 38.5993,
55.0099

106.5189, 96.0698,
127.8819

31.7544, 26.4481,
39.0110

135.3022,
123.5137, 161.8594

21.3286, 17.1592,
26.4604

168.8530,
155.7418, 201.3779

13.4783, 10.3481,
16.9395

207.5367,
193.1384, 246.8559

7.8380, 5.6303,
10.0299

251.7187,
236.0880, 298.7120

4.0424, 2.6216,
5.3129

301.7643,

1.7261, 0.9376,

284.9750, 357.3648

2.3701

358.0388,
340.1837, 423.2326

■ 0.4725, 0.0000,
0.7701

■ 0.0000, 0.0000,
0.0000

■ 61.7937, 53.9970,
74.8757

■ 61.7937, 53.9970,
74.8757

■ 56.9533, 45.3172,
70.1743

■ 67.4295, 64.2367,
79.9333

■ 52.8645, 38.1125,
65.8120

■ 73.8919, 76.1012,
85.3565

■ 49.4867, 32.3012,
61.7750

■ 81.2166, 89.6605,
91.1584

■ 46.7734, 27.7904,
58.0472

■ 84.3222, 94.7519,
95.6460

44.6725, 24.4763,
54.6103

85.0409, 95.0393,
99.4308

43.1238, 22.2387,
51.4436

85.7786, 95.3344,
103.3153

42.0548, 20.9326,
48.5221

86.5353, 95.6371,
107.3003

41.5082, 20.4103,
46.5803

86.7655, 95.7292,
108.5123

Harmonies

Analogous

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



57.4822, 53.9970, 90.0017



61.7937, 53.9970, 74.8757



63.2396, 53.9970, 57.5473

Triad

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



61.7937, 53.9970, 74.8757



50.8855, 53.9970, 32.3933



42.4919, 53.9970, 77.4592

Complementary

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



61.7937, 53.9970, 74.8757



56.1235, 70.2926, 58.7571

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.



41.0053, 53.9970, 60.0577



61.7937, 53.9970, 74.8757



45.6194, 53.9970, 35.7892

Square

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



61.7937, 53.9970, 74.8757



56.6674, 53.9970, 34.8951



42.1066, 53.9970, 45.1967



46.3248, 53.9970, 91.6792

Rectangle

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



61.7937, 53.9970, 74.8757



62.3027, 53.9970, 47.5479



42.1066, 53.9970, 45.1967



41.7147, 53.9970, 71.6857

Sweetspot

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



61.7953, 53.9994, 74.8768



89.0268, 88.8989, 103.9777



51.2337, 48.3808, 82.2405



18.9495, 18.8336, 22.1670



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.



61.7953, 53.9994, 74.8768



74.0524, 61.6770, 90.5798



58.6037, 52.7228, 58.0702



14.8602, 14.5613, 17.4643



23.3162, 11.4607, 26.3580



1.7553, 0.8598, 2.1180

Inverse Universe

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



61.7953, 53.9994, 74.8768



74.0524, 61.6770, 90.5798



59.2166, 71.5298, 75.0447



14.8602, 14.5613, 17.4643



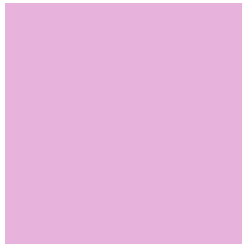
23.3162, 11.4607, 26.3580



1.7553, 0.8598, 2.1180

Previews

White Background



This preview shows how the XYZ color 61.7937, 53.9970, 74.8757 looks on a white background.

Color Contrast Check

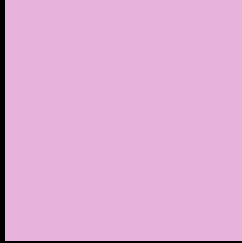
Large Text (above 18pt) WCAG AA × Fail

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 61.7937, 53.9970, 74.8757 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 61.7937, 53.9970, 74.8757

Background



This preview shows how black text looks on a background with the XYZ color 61.7937, 53.9970, 74.8757.



This preview shows how white text looks on a background with the XYZ color 61.7937, 53.9970,

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

61.7937, 53.9970, 74.8757

Protanopia

53.8464, 54.4179, 82.5286

Deuteranopia

55.2096, 54.0137, 73.8455



Tritanopia

58.6867, 53.9354, 59.5420

Trichromacy



Original Color

61.7937, 53.9970, 74.8757

Protanomaly

56.3393, 54.1539, 79.4349

Deuteranomaly

57.5757, 53.9585, 74.3983

Tritanomaly

59.8564, 54.1135, 65.0478

Monochromacy



Original Color

61.7937, 53.9970, 74.8757

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.7573, 55.6155, 66.7749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7937, 53.9970, 74.8757 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(231, 178, 220)` looks like.

```
.text, #text, p{  
    color:rgb(231, 178, 220)  
}
```

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(231, 178, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 178, 220) }
```

Border

The CSS property to change the border of an element to XYZ 61.7937, 53.9970, 74.8757 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(231, 178, 220) }
```


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

```
.border{ border-color:rgb(231, 178, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 178, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 178, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 178, 220);  
box-shadow:4px 4px 4px 4px rgb(231, 178,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7937, 53.9970, 74.8757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 178, 220) }
```

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

```
.background{ background-color: rgb(231,  
178, 220) }
```

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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