

Converting Colors

XYZ(61.4581, 55.8139, 70.9154)

Have a look what the booklet for
XYZ(61.4581, 55.8139, 70.9154)
contains.

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Color

**XYZ(61.5912, 55.7940,
71.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B8D6
RGB	229, 184, 214
RGB Percent	90%, 72%, 84%
CMY	0.1020, 0.2784, 0.1608
CMYK	0.00, 0.20, 0.07, 0.10
HSL	320°, 46%, 81%
HSV	320°, 20%, 90%
XYZ	61.5912, 55.7940, 71.1414
YIQ	200.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

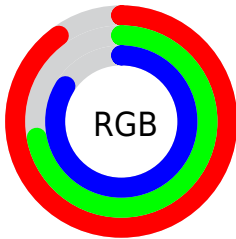
Format	Color
R _Y B	229, 184, 214
Decimal	15055062
CIE Lab	79.50, 21.05, -8.90
CIE LCh	79, 22.857, 337.090
Yxy	55.7940, 0.3267, 0.2959
Android (android.graphics.Color)	4293245142 (0xFFE5B8D6)
YUV	200.8750, 6.4706, 24.6656
Hunter-Lab	74.6954, 16.4679, -4.1822

Details

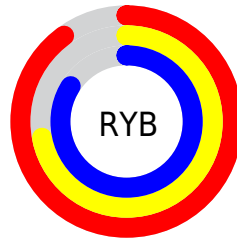
The XYZ color **61.5912, 55.7940, 71.1414** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.0975, 70.3541, 64.5538**, and the grayscale version is **55.3950, 58.2799, 63.4668**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **31.6079, 27.6200, 36.4662** is the 20% darker color. If you saturate the color by 10%, you get **56.2620, 46.6588, 64.6673**, and if you desaturate by 10%, it is **67.7394, 66.4924, 78.1153**.

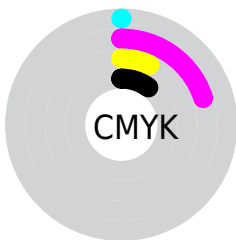
Distribution



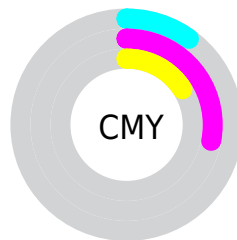
- Red (90%)
- Green (72%)
- Blue (84%)



- Red (90%)
- Yellow (72%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (10%)





- Cyan (10%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5912, 55.7940, 71.1414 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 61.5912, 55.7940, 71.1414 by changing the saturation by 10% instead.


 61.5912, 55.7940,
71.1414

 61.5912, 55.7940,
71.1414


420.1797,
408.9147, 483.4446

 44.9568, 40.0378,
51.9751


 106.2278, 98.7033,
122.5314

 31.6245, 27.5680,
36.6031


134.9606,
126.6252, 155.5921

 21.2290, 18.0003,
24.6070


168.4571,
159.3711, 194.1213

 13.4049, 10.9502,
15.5681

207.0824,
197.3254, 238.5377

 7.7869, 6.0333,
9.0680

251.2019,
240.8726, 289.2596

 4.0095, 2.8654,
4.6882

301.1811,

 1.7075, 1.0619,

290.3969, 346.7057

2.0100

357.3853,
346.2828, 411.2945

■ 0.4610, 0.0000,
0.5614

■ 0.0000, 0.0000,
0.0000

■ 61.5912, 55.7940,
71.1414

■ 61.5912, 55.7940,
71.1414

■ 56.2620, 46.6588,
64.6673

■ 67.7394, 66.4924,
78.1153

■ 51.7092, 39.0052,
58.6737

■ 74.7367, 78.8158,
85.6000

■ 47.8939, 32.7553,
53.1453

■ 82.6179, 92.8318,
93.6108

■ 44.7715, 27.8211,
48.0640

■ 84.4844, 94.7426,
99.8510

■ 42.2925, 24.1047,
43.4100

■ 85.6715, 95.2174,
106.1017

■ 40.4005, 21.4943,
39.1612

■ 86.1235, 95.3982,
108.4822

■ 39.0286, 19.8572,
35.2919

■ 38.0661, 18.9732,
31.7617

■ 38.0352, 18.9469,
31.6424

Harmonies

Analogous

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



58.5385, 55.7940, 83.2498



61.5912, 55.7940, 71.1414



62.2892, 55.7940, 57.6808

Triad

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



61.5912, 55.7940, 71.1414



51.9477, 55.7940, 38.9430



46.2910, 55.7940, 77.3211

Complementary

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



61.5912, 55.7940, 71.1414



58.0975, 70.3541, 64.5538

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.



44.7380, 55.7940, 63.9266



61.5912, 55.7940, 71.1414



47.8793, 55.7940, 42.7204

Square

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



61.5912, 55.7940, 71.1414



56.5445, 55.7940, 40.2984



45.3023, 55.7940, 51.4235



49.6652, 55.7940, 87.1620

Rectangle

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



61.5912, 55.7940, 71.1414



61.2909, 55.7940, 49.9417



45.3023, 55.7940, 51.4235



45.5478, 55.7940, 73.0154

Sweetspot

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



61.5928, 55.7965, 71.1426



89.5514, 90.2995, 103.0696



54.8388, 52.0830, 81.2924



19.0448, 19.1118, 21.9284



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.



61.5928, 55.7965, 71.1426



75.4247, 65.7295, 87.0048



58.9147, 54.7252, 57.0397



14.7801, 14.5292, 17.0426



21.8045, 10.8560, 18.3971



1.6539, 0.8193, 1.5842

Inverse Universe

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



61.5928, 55.7965, 71.1426



75.4247, 65.7295, 87.0048



60.9062, 71.4776, 79.3442



14.7801, 14.5292, 17.0426



21.8045, 10.8560, 18.3971



1.6539, 0.8193, 1.5842

Previews

White Background



This preview shows how the XYZ color 61.5912, 55.7940, 71.1414 looks on a white background.

Color Contrast Check

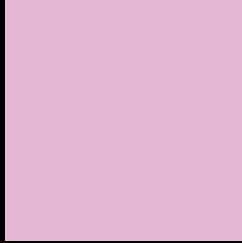
Large Text (above 18pt) WCAG AA × Fail

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 61.5912, 55.7940, 71.1414 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 61.5912, 55.7940, 71.1414

Background



This preview shows how black text looks on a background with the XYZ color 61.5912, 55.7940, 71.1414.



This preview shows how white text looks on a background with the XYZ color 61.5912, 55.7940,

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

61.5912, 55.7940, 71.1414

Protanopia

55.0392, 56.1696, 76.3476

Deuteranopia

57.1544, 56.0587, 70.7588



Tritanopia

59.7801, 55.6658, 62.8522

Trichromacy



Original Color

61.5912, 55.7940, 71.1414

Protanomaly

57.2367, 56.0266, 74.1272

Deuteranomaly

58.5267, 55.7982, 70.6362

Tritanomaly

60.4844, 55.6481, 65.9458

Monochromacy



Original Color

61.5912, 55.7940, 71.1414

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.5197, 57.3353, 66.4277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5912, 55.7940, 71.1414 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(229, 184, 214)` looks like.

```
.text, #text, p{  
    color:rgb(229, 184, 214)  
}
```

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(229, 184, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 184, 214) }
```

Border

The CSS property to change the border of an element to XYZ 61.5912, 55.7940, 71.1414 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(229, 184, 214) }
```


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

```
.border{ border-color:rgb(229, 184, 214) }
```

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

Here you see how a box with a 4 pixel rgb(229, 184, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 184, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 184, 214);  
box-shadow:4px 4px 4px 4px rgb(229, 184,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5912, 55.7940, 71.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 184, 214) }
```

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

```
.background{ background-color: rgb(229,  
184, 214) }
```

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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