

Converting Colors

XYZ(69.7129, 60.9470, 96.6092)

Have a look what the booklet for
XYZ(69.7129, 60.9470, 96.6092)
contains.

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Color

**XYZ(69.7329, 61.0054,
96.9068)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBDF8
RGB	236, 189, 248
RGB Percent	93%, 74%, 97%
CMY	0.0745, 0.2588, 0.0274
CMYK	0.05, 0.24, 0.00, 0.03
HSL	288°, 81%, 86%
HSV	288°, 24%, 97%
XYZ	69.7329, 61.0054, 96.9068
YIQ	209.7790, 9.0730, 28.3130

Conversions

Conversions Part 2

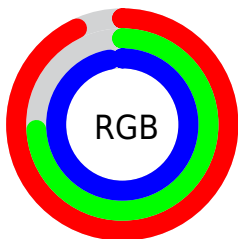
Format	Color
R _Y B	236, 189, 248
Decimal	15515128
CIE Lab	82.38, 26.90, -22.76
CIE LCh	82, 35.235, 319.769
Yxy	61.0054, 0.3063, 0.2680
Android (android.graphics.Color)	4293705208 (0xFFECCBDF8)
YUV	209.7790, 18.8430, 22.9958
Hunter-Lab	78.1060, 22.6792, -18.8875

Details

The XYZ color **69.7329, 61.0054, 96.9068** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.8423, 83.2280, 60.6888**, and the grayscale version is **60.9915, 64.1678, 69.8788**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **36.8903, 30.7928, 53.2895** is the 20% darker color. If you saturate the color by 10%, you get **63.1969, 50.3837, 95.2020**, and if you desaturate by 10%, it is **77.2321, 73.4809, 98.9205**.

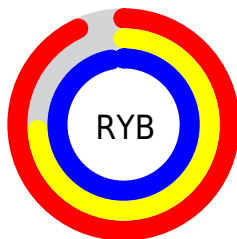
Distribution



Red (93%)

Green (74%)

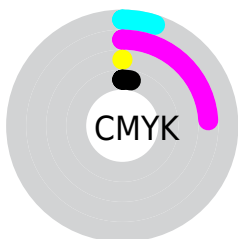
Blue (97%)



Red (93%)

Yellow (74%)

Blue (97%)

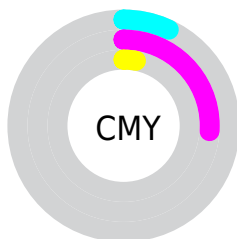


Cyan (5%)

Magenta (24%)

Yellow (0%)

Black (3%)



Cyan (7%)

Magenta (26%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7329, 61.0054, 96.9068 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 69.7329, 61.0054, 96.9068 by changing the saturation by 10% instead.

69.7329, 61.0054,
96.9068

69.7329, 61.0054,
96.9068

448.8927,
428.2938, 571.3911

51.5876, 44.2295,
73.1174

117.8561,
106.2868, 158.9145

36.8994, 30.8510,
53.5796

148.5648,
135.5610, 197.9698

25.3029, 20.4854,
37.8747

184.1919,
169.7702, 242.9509

16.4328, 12.7484,
25.5844

225.1029,
209.2987, 294.2762

9.9237, 7.2555,
16.2900

271.6632,
254.5309, 352.3644

5.4103, 3.6224,
9.5730

324.2380,

2.5272, 1.4647,

305.8513, 417.6339

5.0149

383.1927,
363.6441, 490.5033

■ 0.9090, 0.2637,
2.1971

■ 0.0000, 0.0000,
0.6727

■ 69.7329, 61.0054,
96.9068

■ 69.7329, 61.0054,
96.9068

■ 63.1969, 50.3837,
95.2020

■ 77.2321, 73.4809,
98.9205

■ 57.5716, 41.5149,
93.7866

■ 85.7322, 87.8888,
101.2535

■ 52.8081, 34.3005,
92.6452

■ 92.5355, 98.8316,
103.0071

■ 48.8503, 28.6291,
91.7591

■ 93.9434, 99.5574,
103.0730

■ 45.6351, 24.3750,
91.1074

■ 43.0896, 21.3929,
90.6660

■ 41.1247, 19.5054,
90.4052

■ 40.1160, 18.7233,
90.3074

Harmonies

Analogous

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



63.0109, 61.0054, 113.4894



69.7329, 61.0054, 96.9068



73.4021, 61.0054, 74.0516

Triad

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



69.7329, 61.0054, 96.9068



60.5891, 61.0054, 33.4489



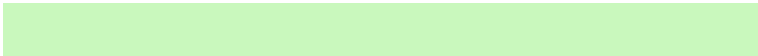
45.4180, 61.0054, 81.4314

Complementary

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



69.7329, 61.0054, 96.9068



66.8423, 83.2280, 60.6888

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.



44.8916, 61.0054, 59.3400



69.7329, 61.0054, 96.9068



53.2314, 61.0054, 34.5891

Square

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



69.7329, 61.0054, 96.9068



67.8288, 61.0054, 39.5695



47.6346, 61.0054, 43.1159



49.1407, 61.0054, 103.3025

Rectangle

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



69.7329, 61.0054, 96.9068



73.4258, 61.0054, 59.6459



47.6346, 61.0054, 43.1159



44.8745, 61.0054, 73.6982

Sweetspot

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



69.7348, 61.0080, 96.9081



88.2945, 88.4532, 107.0273



59.0018, 59.7384, 97.2288



18.7794, 18.7300, 22.8754



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.



69.7348, 61.0080, 96.9081



70.5053, 58.8062, 102.2424



71.3747, 62.1398, 84.0453



17.6270, 17.3359, 21.8024



21.7893, 10.1755, 48.7892



2.1024, 0.9859, 4.5227

Inverse Universe

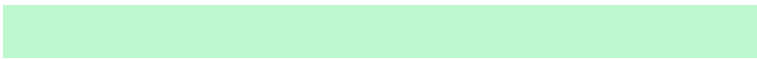
The Inverse Universe completely reimagines the original color for something new.



67.4537, 60.5714, 63.3976



67.7482, 58.3178, 59.9647



65.6620, 82.3976, 70.6584



17.3890, 17.2829, 18.6380



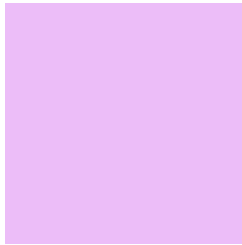
21.2679, 10.9229, 2.8535



2.0059, 1.0261, 0.4547

Previews

White Background



This preview shows how the XYZ color 69.7329, 61.0054, 96.9068 looks on a white background.

Color Contrast Check

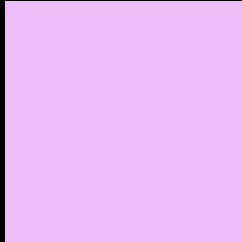
Large Text (above 18pt) WCAG AA × Fail

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 69.7329, 61.0054, 96.9068 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 69.7329, 61.0054, 96.9068

Background



This preview shows how black text looks on a background with the XYZ color 69.7329, 61.0054, 96.9068.



This preview shows how white text looks on a background with the XYZ color 69.7329, 61.0054,

96.9068.

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

69.7329, 61.0054, 96.9068

Protanopia

61.3983, 61.2693, 103.1979

Deuteranopia

62.6980, 61.4062, 95.7368



Tritanopia

64.4528, 61.1719, 70.0384

Trichromacy



Original Color

69.7329, 61.0054, 96.9068

Protanomaly

64.0593, 60.9718, 100.4879

Deuteranomaly

65.0737, 61.2468, 96.3878

Tritanomaly

66.1288, 60.8454, 78.7800

Monochromacy



Original Color

69.7329, 61.0054, 96.9068

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.7885, 62.6829, 79.2580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7329, 61.0054, 96.9068 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(236, 189, 248)` looks like.

```
.text, #text, p{  
    color:rgb(236, 189, 248)  
}
```

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(236, 189, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 189, 248) }
```

Border

The CSS property to change the border of an element to XYZ 69.7329, 61.0054, 96.9068 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(236, 189, 248) }
```


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

```
.border{ border-color:rgb(236, 189, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 189, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 189, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 189, 248);  
box-shadow:4px 4px 4px 4px rgb(236, 189,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7329, 61.0054, 96.9068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 189, 248) }
```

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

```
.background{ background-color: rgb(236,  
189, 248) }
```

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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