

Converting Colors

XYZ(69.8278, 61.4319, 84.7103)

Have a look what the booklet for
XYZ(69.8278, 61.4319, 84.7103)
contains.

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Color

**XYZ(69.7252, 61.2761,
84.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BDE8
RGB	243, 189, 232
RGB Percent	95%, 74%, 91%
CMY	0.0471, 0.2588, 0.0902
CMYK	0.00, 0.22, 0.05, 0.05
HSL	312°, 69%, 85%
HSV	312°, 22%, 95%
XYZ	69.7252, 61.2761, 84.4965
YIQ	210.0480, 18.3810, 24.8210

Conversions

Conversions Part 2

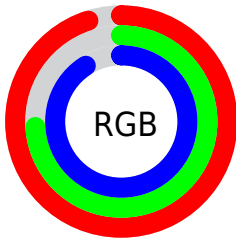
Format	Color
R _Y B	243, 189, 232
Decimal	15973864
CIE _{Lab}	82.53, 26.26, -13.92
CIE _{LCh}	83, 29.717, 332.076
Y _{xy}	61.2761, 0.3236, 0.2843
Android (android.graphics.Color)	4294163944 (0xFFFF3BDE8)
YUV	210.0480, 10.8223, 28.8989
Hunter-Lab	78.2791, 22.0063, -9.2039

Details

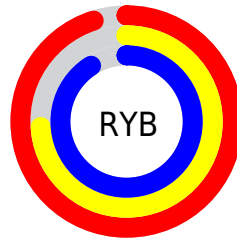
The XYZ color **69.7252, 61.2761, 84.4965** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.4646, 79.0918, 66.5684**, and the grayscale version is **61.2144, 64.4023, 70.1341**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **36.7501, 30.9016, 45.1020** is the 20% darker color. If you saturate the color by 10%, you get **64.2368, 51.4079, 79.2469**, and if you desaturate by 10%, it is **76.1128, 72.9090, 90.1450**.

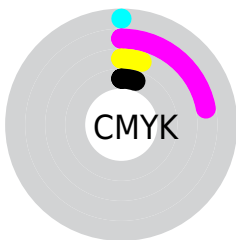
Distribution



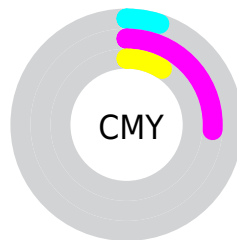
- Red (95%)
- Green (74%)
- Blue (91%)



- Red (95%)
- Yellow (74%)
- Blue (91%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7252, 61.2761, 84.4965 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 69.7252, 61.2761, 84.4965 by changing the saturation by 10% instead.


 69.7252, 61.2761,
84.4965

 69.7252, 61.2761,
84.4965


448.8660,
429.2856, 530.0616

 51.5813, 44.4480,
62.8777


 117.8452,
106.6786, 141.5374

 36.8944, 31.0229,
45.3019


148.5520,
136.0218, 177.7966

 25.2990, 20.6163,
31.3506


184.1772,
170.3056, 219.7729

 16.4299, 12.8438,
20.6053

225.0861,
209.9142, 267.8850

 9.9216, 7.3211,
12.6474

271.6441,
255.2321, 322.5514

 5.4089, 3.6637,
7.0583


324.2165,


 2.5263, 1.4873,


306.6437, 384.1906

3.4196


383.1687,
364.5334, 453.2212


 0.9085, 0.2797,
1.3127


 0.0000, 0.0000,
0.0721


 69.7252, 61.2761,
84.4965


 69.7252, 61.2761,
84.4965

 64.2368, 51.4079,
79.2469


 76.1128, 72.9090,
90.1450


 59.5983, 43.2091,
74.3768

 83.4348, 86.3797,
96.2027

 55.7640, 36.5875,
69.8709

 89.4883, 97.2812,
101.9370

 52.6817, 31.4390,
65.7111

 90.2620, 97.5907,
106.0113

■ 50.2928, 27.6467,
61.8769

■ 90.7725, 97.7949,
108.6998

■ 48.5300, 25.0760,
58.3450

■ 47.3118, 23.5646,
55.0876

■ 46.6437, 22.9274,
52.7102

Harmonies

Analogous

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



64.9778, 61.2761, 101.0036



69.7252, 61.2761, 84.4965



71.3333, 61.2761, 65.4590

Triad

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



69.7252, 61.2761, 84.4965



57.7994, 61.2761, 37.4887



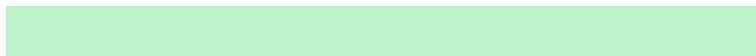
48.4836, 61.2761, 87.0941

Complementary

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



69.7252, 61.2761, 84.4965



63.4646, 79.0918, 66.5684

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.



46.8576, 61.2761, 67.9956



69.7252, 61.2761, 84.4965



51.9869, 61.2761, 41.2306

Square

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



69.7252, 61.2761, 84.4965



64.1562, 61.2761, 40.3173



48.0927, 61.2761, 51.6286



52.7012, 61.2761, 102.6849

Rectangle

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



69.7252, 61.2761, 84.4965



70.3213, 61.2761, 54.4060



48.0927, 61.2761, 51.6286



47.6302, 61.2761, 80.7629

Sweetspot

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



69.7270, 61.2788, 84.4978



89.0376, 88.9033, 104.0348



58.1440, 55.1213, 92.3699



18.9521, 18.8346, 22.1803



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.



69.7270, 61.2788, 84.4978



74.7038, 62.7904, 91.3811



66.2055, 59.8702, 65.9537



17.0605, 16.7071, 20.0651



25.6495, 12.6032, 29.1923



2.2900, 1.1220, 2.7538

Inverse Universe

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



69.7270, 61.2788, 84.4978



74.7038, 62.7904, 91.3811



66.8765, 80.4566, 84.5351



17.0605, 16.7071, 20.0651



25.6495, 12.6032, 29.1923



2.2900, 1.1220, 2.7538

Previews

White Background



This preview shows how the XYZ color 69.7252, 61.2761, 84.4965 looks on a white background.

Color Contrast Check

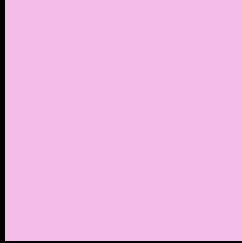
Large Text (above 18pt) WCAG AA × Fail

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 69.7252, 61.2761, 84.4965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

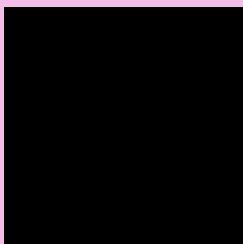
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7252, 61.2761, 84.4965

Background



This preview shows how black text looks on a background with the XYZ color 69.7252, 61.2761, 84.4965.



This preview shows how white text looks on a background with the XYZ color 69.7252, 61.2761,

84.4965.

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

69.7252, 61.2761, 84.4965

Protanopia

60.9086, 61.6023, 92.6846

Deuteranopia

62.6688, 61.3179, 83.3954



Tritanopia

66.3903, 61.2193, 67.9919

Trichromacy



Original Color

69.7252, 61.2761, 84.4965

Protanomaly

63.5876, 61.3160, 89.3727

Deuteranomaly

65.2151, 61.2569, 83.9879

Tritanomaly

67.6496, 61.4098, 73.9334

Monochromacy



Original Color

69.7252, 61.2761, 84.4965

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.8996, 62.8326, 75.0897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7252, 61.2761, 84.4965 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(243, 189, 232)` looks like.

```
.text, #text, p{  
    color:rgb(243, 189, 232)  
}
```

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(243, 189, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 189, 232) }
```

Border

The CSS property to change the border of an element to XYZ 69.7252, 61.2761, 84.4965 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(243, 189, 232) }
```


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

```
.border{ border-color:rgb(243, 189, 232) }
```

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

Here you see how a box with a 4 pixel rgb(243, 189, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 189, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 189, 232);  
box-shadow:4px 4px 4px 4px rgb(243, 189,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7252, 61.2761, 84.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 189, 232) }
```

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

```
.background{ background-color: rgb(243,  
189, 232) }
```

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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