

Converting Colors

XYZ(69.0569, 65.6275, 86.6030)

Have a look what the booklet for
XYZ(69.0569, 65.6275, 86.6030)
contains.

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Color

**XYZ(69.1622, 65.6413,
86.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CBEA
RGB	231, 203, 234
RGB Percent	91%, 80%, 92%
CMY	0.0941, 0.2039, 0.0823
CMYK	0.01, 0.13, 0.00, 0.08
HSL	294°, 42%, 86%
HSV	294°, 13%, 92%
XYZ	69.1622, 65.6413, 86.8667
YIQ	214.9060, 6.7370, 15.5770

Conversions

Conversions Part 2

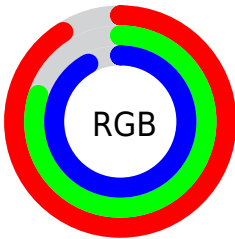
Format	Color
R _Y B	231, 203, 234
Decimal	15191018
CIE _{Lab}	84.81, 15.19, -11.68
CIE _{LCh}	85, 19.156, 322.440
Yxy	65.6413, 0.3120, 0.2961
Android (android.graphics.Color)	4293381098 (0xFFE7CBEA)
YUV	214.9060, 9.4133, 14.1144
Hunter-Lab	81.0193, 10.5928, -6.8556

Details

The XYZ color **69.1622, 65.6413, 86.8667** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.6583, 76.2810, 67.7663**, and the grayscale version is **64.4645, 67.8217, 73.8578**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4625, 33.8232, 46.7262** is the 20% darker color. If you saturate the color by 10%, you get **63.3223, 55.0387, 85.1290**, and if you desaturate by 10%, it is **75.8494, 77.9225, 88.8857**.

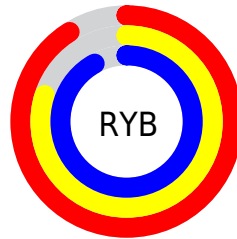
Distribution



Red (91%)

Green (80%)

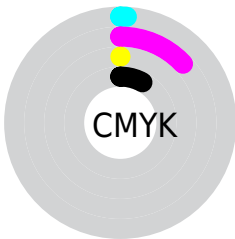
Blue (92%)



Red (91%)

Yellow (80%)

Blue (92%)

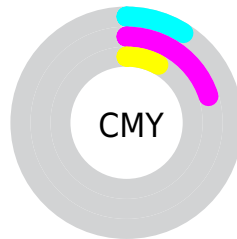


Cyan (1%)

Magenta (13%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1622, 65.6413, 86.8667 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 69.1622, 65.6413, 86.8667 by changing the saturation by 10% instead.

69.1622, 65.6413,
86.8667

69.1622, 65.6413,
86.8667

446.9153,
445.0930, 538.0896

51.1209, 47.9813,
64.8259

117.0460,
112.9713, 144.8756

36.5263, 33.8121,
46.8695

147.6193,
143.4102, 181.6807

25.0129, 22.7493,
32.5789

183.1006,
178.8774, 224.2444

16.2155, 14.4085,
21.5356

223.8553,
219.7573, 272.9851

9.7686, 8.4053,
13.3210

270.2488,
266.4345, 328.3215

5.3069, 4.3554,
7.5166

322.6464,

2.4650, 1.8743,

319.2932, 390.6720

3.7039

381.4134,
378.7179, 460.4552

■ 0.8776, 0.5328,
1.4644

■ 0.0000, 0.0000,
0.1912

■ 69.1622, 65.6413,
86.8667

■ 69.1622, 65.6413,
86.8667

■ 63.3223, 55.0387,
85.1290

■ 75.8494, 77.9225,
88.8857

■ 58.2867, 46.0316,
83.6558

■ 83.4132, 91.9437,
91.1934

■ 54.0172, 38.5428,
82.4354

■ 85.8027, 95.6023,
91.7737

■ 50.4701, 32.4850,
81.4530

■ 86.5671, 95.9964,
91.8095

47.5976, 27.7624,
80.6929

87.3410, 96.3953,
91.8457

45.3456, 24.2671,
80.1369

88.1245, 96.7993,
91.8824

43.6519, 21.8747,
79.7644

88.9178, 97.2082,
91.9195

42.4409, 20.4343,
79.5502

89.7207, 97.6221,
91.9571

41.8172, 19.8420,
79.4687

90.5333, 98.0411,
91.9951

Harmonies

Analogous

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



65.5930, 65.6413, 95.6140



69.1622, 65.6413, 86.8667



70.9322, 65.6413, 74.6264

Triad

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



69.1622, 65.6413, 86.8667



63.4819, 65.6413, 50.5129



55.0702, 65.6413, 80.8774

Complementary

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



69.1622, 65.6413, 86.8667



65.6583, 76.2810, 67.7663

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.



54.5629, 65.6413, 68.4082



69.1622, 65.6413, 86.8667



59.2931, 65.6413, 51.7801

Square

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



69.1622, 65.6413, 86.8667



67.5563, 65.6413, 54.3286



56.0751, 65.6413, 58.0133



57.4942, 65.6413, 91.8890

Rectangle

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



69.1622, 65.6413, 86.8667



70.7994, 65.6413, 66.5015



56.0751, 65.6413, 58.0133



54.6745, 65.6413, 76.6846

Sweetspot

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



69.1641, 65.6441, 86.8681



91.5197, 93.4771, 107.8270



61.5781, 62.8310, 86.7250



19.4510, 19.7536, 23.0376



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.



69.1641, 65.6441, 86.8681



81.9494, 75.9332, 104.9451



68.4209, 65.4597, 77.8573



15.5628, 15.2354, 19.0427



23.5583, 11.1807, 44.6594



1.8917, 0.8995, 3.5088

Inverse Universe

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



66.4305, 64.6635, 67.3758



78.0116, 74.5242, 76.7046



66.3709, 76.4707, 75.8245



15.1247, 15.0777, 15.9419



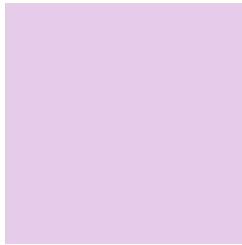
19.1731, 9.8719, 1.4469



1.5257, 0.7832, 0.2196

Previews

White Background



This preview shows how the XYZ color 69.1622, 65.6413, 86.8667 looks on a white background.

Color Contrast Check

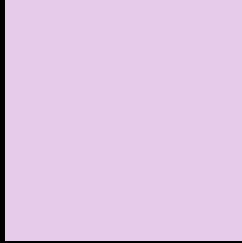
Large Text (above 18pt) WCAG AA × Fail

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 69.1622, 65.6413, 86.8667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

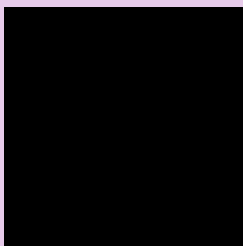
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1622, 65.6413, 86.8667

Background



This preview shows how black text looks on a background with the XYZ color 69.1622, 65.6413, 86.8667.



This preview shows how white text looks on a background with the XYZ color 69.1622, 65.6413,

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

69.1622, 65.6413, 86.8667

Protanopia

64.6390, 65.7351, 90.9427

Deuteranopia

67.2107, 65.7138, 86.2324



Tritanopia

67.1956, 65.5411, 77.5157

Trichromacy



Original Color

69.1622, 65.6413, 86.8667

Protanomaly

65.9178, 65.3390, 89.2582

Deuteranomaly

67.9033, 65.7146, 86.1961

Tritanomaly

67.9535, 65.4997, 81.0127

Monochromacy



Original Color

69.1622, 65.6413, 86.8667

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.2979, 67.2346, 78.5905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1622, 65.6413, 86.8667 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, 203, 234)` looks like.

```
.text, #text, p{  
    color:rgb(231, 203, 234)  
}
```

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, 203, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 203, 234) }
```

Border

The CSS property to change the border of an element to XYZ 69.1622, 65.6413, 86.8667 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, 203, 234) }
```


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

```
.border{ border-color:rgb(231, 203, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 203, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 203, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 203, 234);  
box-shadow:4px 4px 4px 4px rgb(231, 203,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1622, 65.6413, 86.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 203, 234) }
```

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

```
.background{ background-color: rgb(231,  
203, 234) }
```

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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