

Converting Colors

XYZ(68.6264, 69.0013, 86.7924)

Have a look what the booklet for
XYZ(68.6264, 69.0013, 86.7924)
contains.

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Color

**XYZ(68.6264, 69.0013,
86.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	DED5E9
RGB	222, 213, 233
RGB Percent	87%, 84%, 91%
CMY	0.1294, 0.1647, 0.0863
CMYK	0.05, 0.09, 0.00, 0.09
HSL	267°, 31%, 87%
HSV	267°, 9%, 91%
XYZ	68.6264, 69.0013, 86.7924
YIQ	217.9710, -1.0560, 8.1280

Conversions

Conversions Part 2

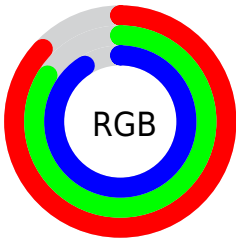
Format	Color
R _Y B	222, 213, 233
Decimal	14603753
CIE Lab	86.50, 6.73, -8.71
CIE LCh	87, 11.005, 307.698
Yxy	69.0013, 0.3058, 0.3075
Android (android.graphics.Color)	4292793833 (0xFFDED5E9)
YUV	217.9710, 7.4093, 3.5334
Hunter-Lab	83.0670, 2.1017, -3.8021

Details

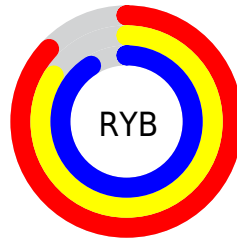
The XYZ color **68.6264, 69.0013, 86.7924** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8923, 78.9311, 74.4004**, and the grayscale version is **66.5734, 70.0404, 76.2740**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0990, 35.8435, 46.6108** is the 20% darker color. If you saturate the color by 10%, you get **59.4045, 56.1647, 84.8018**, and if you desaturate by 10%, it is **78.9928, 83.6815, 89.0807**.

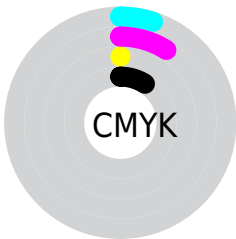
Distribution



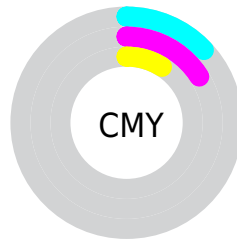
- Red (87%)
- Green (84%)
- Blue (91%)



- Red (87%)
- Yellow (84%)
- Blue (91%)



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



- Cyan (13%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6264, 69.0013, 86.7924 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 68.6264, 69.0013, 86.7924 by changing the saturation by 10% instead.

■ 68.6264, 69.0013,
86.7924

■ 68.6264, 69.0013,
86.7924

445.0542,
457.0356, 537.8389

■ 50.6830, 50.7128,
64.7648

116.2848,
117.7834, 144.7711

■ 36.1764, 35.9801,
46.8202

146.7306,
149.0458, 181.5592

■ 24.7412, 24.4188,
32.5402

182.0745,
185.4016, 224.1045

■ 16.0121, 15.6446,
21.5062

222.6819,
227.2352, 272.8257

■ 9.6236, 9.2730,
13.2997

268.9183,
274.9310, 328.1412

■ 5.2105, 4.9197,
7.5021

321.1489,

■ 2.4073, 2.2002,

328.8734, 390.4695

3.6949

379.7391,
389.4468, 460.2292

■ 0.8487, 0.7201,
1.4595

■ 0.0000, 0.0000,
0.1875

■ 68.6264, 69.0013,
86.7924

■ 68.6264, 69.0013,
86.7924

■ 59.4045, 56.1647,
84.8018

■ 78.9928, 83.6815,
89.0807

■ 51.2786, 45.0882,
83.0921

■ 89.0508, 97.2933,
91.1779

■ 44.2058, 35.6945,
81.6517

■ 91.7082, 98.6633,
91.3022

■ 38.1375, 27.8971,
80.4665

■ 33.0210, 21.6018,
79.5210

■ 28.7984, 16.7038,
78.7982

■ 25.4043, 13.0844,
78.2785

■ 22.7625, 10.6039,
77.9389

■ 20.7649, 9.0588,
77.7460

Harmonies

Analogous

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



66.2423, 69.0013, 89.9157



68.6264, 69.0013, 86.7924



70.2232, 69.0013, 80.5838

Triad

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



68.6264, 69.0013, 86.7924



67.4611, 69.0013, 62.8788



60.8459, 69.0013, 77.0265

Complementary

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



68.6264, 69.0013, 86.7924



71.8923, 78.9311, 74.4004

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.



61.1531, 69.0013, 69.9293



68.6264, 69.0013, 86.7924



64.9294, 69.0013, 62.0623

Square

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



68.6264, 69.0013, 86.7924



69.5383, 69.0013, 66.8706



62.6322, 69.0013, 64.5634



61.7819, 69.0013, 84.0444

Rectangle

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



68.6264, 69.0013, 86.7924



70.6034, 69.0013, 75.6958



62.6322, 69.0013, 64.5634



60.8077, 69.0013, 74.5684

Sweetspot

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



68.6284, 69.0042, 86.7939



91.1266, 94.4264, 108.0310



68.8964, 73.5225, 87.6519



19.2851, 19.8999, 23.0746



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.



68.6284, 69.0042, 86.7939



82.4741, 82.2317, 106.1332



71.6749, 70.5748, 86.9365



14.8747, 14.8807, 19.0105



11.7781, 5.1077, 44.1081



1.0342, 0.4575, 3.4687

Inverse Universe

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



70.8555, 70.2971, 80.3589



85.6553, 84.0787, 96.9266



68.9806, 77.4301, 74.2641



15.4122, 15.1927, 17.4560



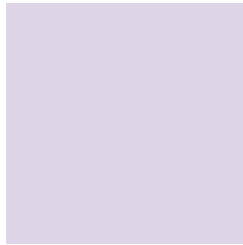
21.3485, 10.7421, 12.9024



1.7248, 0.8629, 1.2679

Previews

White Background



This preview shows how the XYZ color 68.6264, 69.0013, 86.7924 looks on a white background.

Color Contrast Check

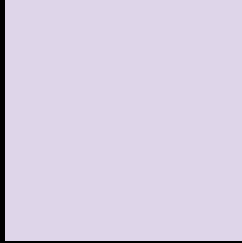
Large Text (above 18pt) WCAG AA × Fail

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 68.6264, 69.0013, 86.7924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

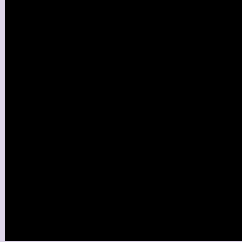
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.6264, 69.0013, 86.7924

Background



This preview shows how black text looks on a background with the XYZ color 68.6264, 69.0013, 86.7924.

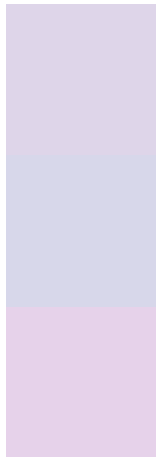


This preview shows how white text looks on a background with the XYZ color 68.6264, 69.0013,

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

68.6264, 69.0013, 86.7924

Protanopia

67.1761, 68.9885, 87.6174

Deuteranopia

70.5310, 68.8567, 87.4152



Tritanopia

68.2014, 68.8313, 84.5541

Trichromacy



Original Color

68.6264, 69.0013, 86.7924

Protanomaly

67.8113, 68.9391, 87.5744

Deuteranomaly

69.8241, 68.8599, 87.4531

Tritanomaly

68.3423, 68.8876, 85.2959

Monochromacy



Original Color

68.6264, 69.0013, 86.7924

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.0886, 69.4995, 79.6908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6264, 69.0013, 86.7924 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(222, 213, 233) looks like.

```
.text, #text, p{  
    color:rgb(222, 213, 233)  
}
```

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(222, 213, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 213, 233) }
```

Border

The CSS property to change the border of an element to XYZ 68.6264, 69.0013, 86.7924 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(222, 213, 233) }
```


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

```
.border{ border-color:rgb(222, 213, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 213, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 213, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 213, 233);  
box-shadow:4px 4px 4px 4px rgb(222, 213,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6264, 69.0013, 86.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 213, 233) }
```

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

```
.background{ background-color: rgb(222,  
213, 233) }
```

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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