

Converting Colors

XYZ(65.7819, 67.4083, 87.4354)

Have a look what the booklet for
XYZ(65.7819, 67.4083, 87.4354)
contains.

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Color

**XYZ(65.7969, 67.5261,
87.4079)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D5EA
RGB	212, 213, 234
RGB Percent	83%, 84%, 92%
CMY	0.1686, 0.1647, 0.0823
CMYK	0.09, 0.09, 0.00, 0.08
HSL	237°, 34%, 87%
HSV	237°, 9%, 92%
XYZ	65.7969, 67.5261, 87.4079
YIQ	215.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

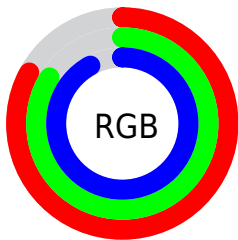
Format	Color
RYB	212, 213, 234
Decimal	13948394
CIELab	85.77, 3.65, -10.41
CIElCh	86, 11.035, 289.314
Yxy	67.5261, 0.2981, 0.3059
Android (android.graphics.Color)	4292138474 (0xFFD4D5EA)
YUV	215.0950, 9.3202, -2.7143
Hunter-Lab	82.1743, -0.8801, -5.5442

Details

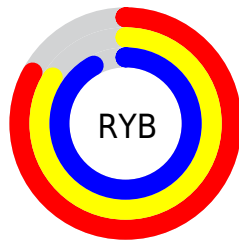
The XYZ color **65.7969, 67.5261, 87.4079** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9544, 80.5230, 73.8805**, and the grayscale version is **64.5998, 67.9640, 74.0128**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1674, 34.8362, 47.0427** is the 20% darker color. If you saturate the color by 10%, you get **54.2984, 53.8272, 85.3708**, and if you desaturate by 10%, it is **79.0505, 83.2817, 89.7515**.

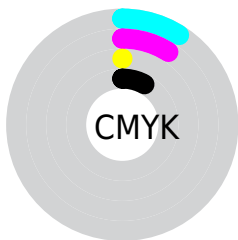
Distribution



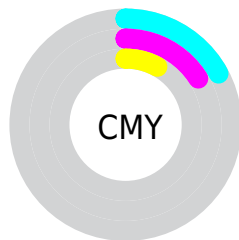
- Red (83%)
- Green (84%)
- Blue (92%)



- Red (83%)
- Yellow (84%)
- Blue (92%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7969, 67.5261, 87.4079 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 65.7969, 67.5261, 87.4079 by changing the saturation by 10% instead.

■ 65.7969, 67.5261,
87.4079

■ 65.7969, 67.5261,
87.4079

435.1503,
451.8151, 539.9133

■ 48.3746, 49.5123,
65.2713

112.2541,
115.6739, 145.6364

■ 34.3362, 35.0260,
47.2283

142.0198,
146.5768, 182.5654

■ 23.3161, 23.6829,
32.8606

176.6307,
182.5447, 225.2622

■ 14.9490, 15.0986,
21.7494

216.4521,
223.9622, 274.1455

■ 8.8697, 8.8886,
13.4763

261.8494,
271.2135, 329.6337

■ 4.7127, 4.6686,
7.6228

313.1880,

■ 2.1127, 2.0542,

324.6832, 392.1453

3.7703

370.8331,
384.7556, 462.0990

■ 0.6961, 0.6387,
1.5002

■ 0.0000, 0.0000,
0.2181

■ 65.7969, 67.5261,
87.4079

■ 65.7969, 67.5261,
87.4079

■ 54.2984, 53.8272,
85.3708

■ 79.0505, 83.2817,
89.7515

■ 44.4758, 42.0921,
83.6234

■ 91.8515, 98.7206,
92.0569

■ 36.2526, 32.2334,
82.1539

■ 29.5440, 24.1537,
80.9480

■ 24.2577, 17.7470,
79.9900

■ 20.2908, 12.8960,
79.2627

■ 17.5270, 9.4680,
78.7467

■ 15.8293, 7.3084,
78.4193

■ 15.0006, 6.2128,
78.2515

Harmonies

Analogous

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



63.2876, 67.5261, 88.0154



65.7969, 67.5261, 87.4079



67.9249, 67.5261, 82.9435

Triad

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



65.7969, 67.5261, 87.4079



67.3912, 67.5261, 63.4992



59.5386, 67.5261, 70.9821

Complementary

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



65.7969, 67.5261, 87.4079



74.9544, 80.5230, 73.8805

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.



60.5783, 67.5261, 64.8469



65.7969, 67.5261, 87.4079



65.0839, 67.5261, 60.7182

Square

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



65.7969, 67.5261, 87.4079



68.8620, 67.5261, 69.0312



62.5928, 67.5261, 61.1949



59.7181, 67.5261, 78.2086

Rectangle

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



65.7969, 67.5261, 87.4079



68.8204, 67.5261, 78.5343



62.5928, 67.5261, 61.1949



59.7560, 67.5261, 68.7323

Sweetspot

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



65.7989, 67.5289, 87.4094



90.0062, 94.0076, 108.0092



71.2690, 78.7213, 88.4555



18.9837, 19.7871, 23.0687



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.



65.7989, 67.5289, 87.4094



77.5193, 79.1557, 105.8006



68.4895, 68.5425, 87.4632



14.2863, 14.6590, 18.9988



8.4352, 3.5175, 43.9773



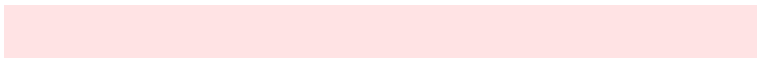
0.6818, 0.3151, 3.4598

Inverse Universe

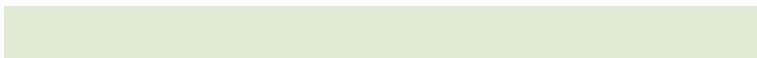
The Inverse Universe completely reimagines the original color for something new.



69.4870, 69.3849, 72.6844



82.7308, 81.7850, 84.9914



72.0791, 79.4635, 73.8276



15.0933, 15.0652, 15.7767



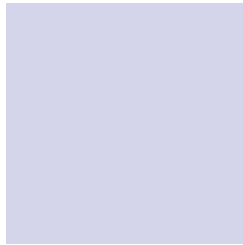
19.1130, 9.8479, 1.1306



1.5107, 0.7772, 0.1405

Previews

White Background



This preview shows how the XYZ color 65.7969, 67.5261, 87.4079 looks on a white background.

Color Contrast Check

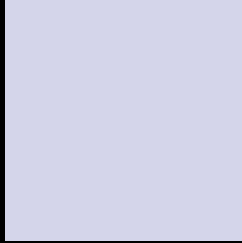
Large Text (above 18pt) WCAG AA × Fail

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 65.7969, 67.5261, 87.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

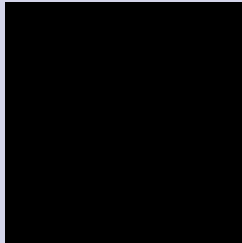
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7969, 67.5261, 87.4079

Background



This preview shows how black text looks on a background with the XYZ color 65.7969, 67.5261, 87.4079.

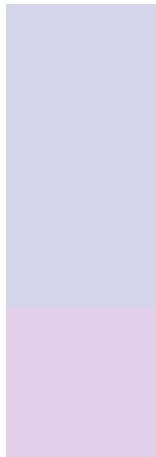


This preview shows how white text looks on a background with the XYZ color 65.7969, 67.5261,

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

65.7969, 67.5261, 87.4079

Protanopia

65.7969, 67.5261, 87.4079

Deuteranopia

68.9153, 67.2787, 87.9511



Tritanopia

65.1935, 67.6552, 84.4856

Trichromacy



Original Color

65.7969, 67.5261, 87.4079

Protanomaly

65.7969, 67.5261, 87.4079

Deuteranomaly

67.8608, 67.4635, 88.0424

Tritanomaly

65.3343, 67.7115, 85.2275

Monochromacy



Original Color

65.7969, 67.5261, 87.4079

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.9629, 67.6632, 78.7436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7969, 67.5261, 87.4079 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(212, 213, 234) looks like.

```
.text, #text, p{  
    color:rgb(212, 213, 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(212, 213, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 213, 234) }
```

Border

The CSS property to change the border of an element to XYZ 65.7969, 67.5261, 87.4079 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(212, 213, 234) }
```


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

```
.border{ border-color:rgb(212, 213, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 213, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 213, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 213, 234);  
box-shadow:4px 4px 4px 4px rgb(212, 213,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7969, 67.5261, 87.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 213, 234) }
```

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

```
.background{ background-color: rgb(212,  
213, 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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