

Converting Colors

XYZ(68.0399, 72.7464, 84.8384)

Have a look what the booklet for
XYZ(68.0399, 72.7464, 84.8384)
contains.

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Color

**XYZ(67.9711, 72.5786,
84.5554)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DFE5
RGB	213, 223, 229
RGB Percent	84%, 87%, 90%
CMY	0.1647, 0.1255, 0.1020
CMYK	0.07, 0.03, 0.00, 0.10
HSL	202°, 24%, 87%
HSV	202°, 7%, 90%
XYZ	67.9711, 72.5786, 84.5554
YIQ	220.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

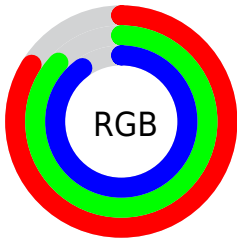
Format	Color
R _Y B	213, 219, 229
Decimal	14016485
CIE Lab	88.25, -2.21, -4.10
CIE LCh	88, 4.656, 241.667
Yxy	72.5786, 0.3020, 0.3224
Android (android.graphics.Color)	4292206565 (0xFFD5DFE5)
YUV	220.6940, 4.0949, -6.7476
Hunter-Lab	85.1931, -6.6721, 0.7889

Details

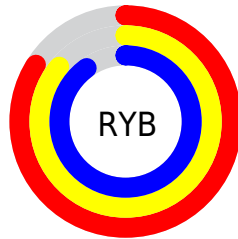
The XYZ color **67.9711, 72.5786, 84.5554** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6552, 72.1247, 73.2022**, and the grayscale version is **68.4906, 72.0574, 78.4705**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7432, 38.3304, 45.5590** is the 20% darker color. If you saturate the color by 10%, you get **59.5573, 64.9246, 83.5226**, and if you desaturate by 10%, it is **77.4433, 80.9547, 85.6740**.

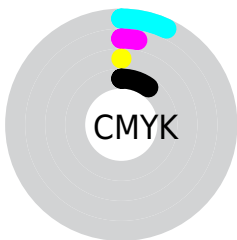
Distribution



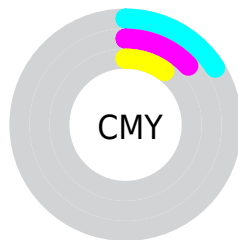
- Red (84%)
- Green (87%)
- Blue (90%)



- Red (84%)
- Yellow (86%)
- Blue (90%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9711, 72.5786, 84.5554 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 67.9711, 72.5786, 84.5554 by changing the saturation by 10% instead.

■ 67.9711, 72.5786,
84.5554

■ 67.9711, 72.5786,
84.5554

442.7719,
469.5530, 530.2619

■ 50.1478, 53.6315,
62.9260

115.3529,
122.8788, 141.6205

■ 35.7491, 38.3071,
45.3408

145.6422,
155.0006, 177.8933

■ 24.4097, 26.2211,
31.3810

180.8175,
192.2828, 219.8843

■ 15.7642, 16.9891,
20.6283

221.2442,
235.1098, 268.0121

■ 9.4472, 10.2267,
12.6640

267.2876,
283.8659, 322.6953

■ 5.0935, 5.5496,
7.0696

319.3131,

■ 2.3375, 2.5732,

338.9355, 384.3522

3.4265

377.6861,
400.7031, 453.4016

■ 0.8138, 0.9132,
1.3163

■ 0.0000, 0.0000,
0.0751

■ 67.9711, 72.5786,
84.5554

■ 67.9711, 72.5786,
84.5554

■ 59.5573, 64.9246,
83.5226

■ 77.4433, 80.9547,
85.6740

■ 52.1547, 57.9600,
82.5685

■ 86.5934, 89.3379,
86.8099

■ 45.7220, 51.6629,
81.6920

■ 89.1826, 94.5162,
87.6729

■ 40.2121, 46.0063,
80.8906

■ 91.1431, 98.4372,
88.3264

■ 35.5740, 40.9612,
80.1613

■ 31.7511, 36.4957,
79.5008

■ 28.6796, 32.5740,
78.9057

■ 26.2850, 29.1548,
78.3720

■ 24.4714, 26.1856,
77.8945

Harmonies

Analogous

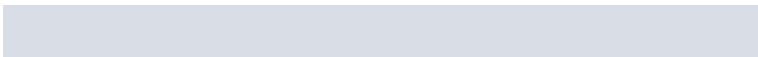
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.1748, 72.5786, 82.2938



67.9711, 72.5786, 84.5554



69.0462, 72.5786, 85.3246

Triad

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



67.9711, 72.5786, 84.5554



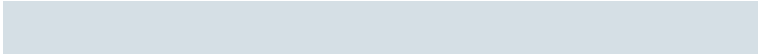
71.1495, 72.5786, 78.8472



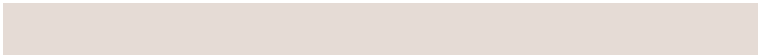
67.8642, 72.5786, 73.9133

Complementary

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



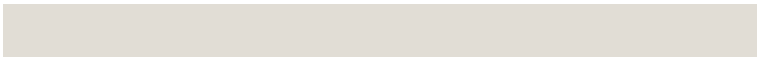
67.9711, 72.5786, 84.5554



69.6552, 72.1247, 73.2022

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.



68.9214, 72.5786, 73.0448



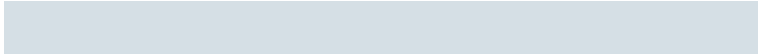
67.9711, 72.5786, 84.5554



70.8250, 72.5786, 75.8454

Square

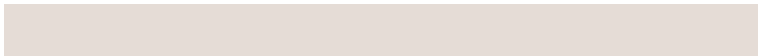
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.9711, 72.5786, 84.5554



70.8885, 72.5786, 81.9763



70.0065, 72.5786, 73.7426



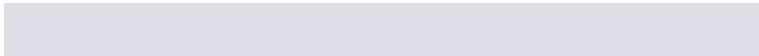
67.1135, 72.5786, 76.1469

Rectangle

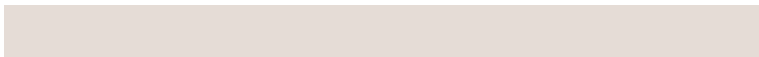
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9711, 72.5786, 84.5554



69.7785, 72.5786, 84.8715



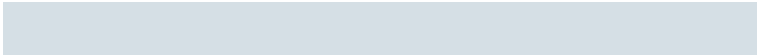
70.0065, 72.5786, 73.7426



68.1951, 72.5786, 73.4548

Sweetspot

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



67.9732, 72.5817, 84.5570



92.5918, 97.8320, 108.6111



68.2297, 75.2935, 77.8640



19.8442, 20.9629, 23.2503



0.0000, 0.0000, 0.0000



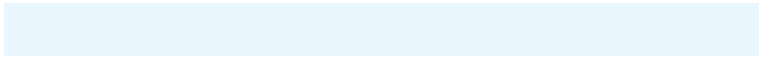
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.9732, 72.5817, 84.5570



85.5482, 91.5526, 107.7703



65.9190, 68.4734, 83.8723



14.3298, 15.3810, 18.3579



13.8363, 14.7347, 44.4980



1.1110, 1.2659, 3.3178

Inverse Universe

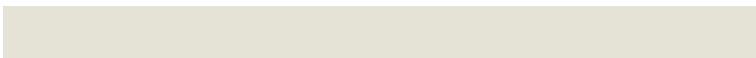
The Inverse Universe completely reimagines the original color for something new.



69.4283, 69.5757, 79.5858



87.6772, 87.1852, 100.4899



71.7572, 76.3286, 73.9029



14.7540, 14.5188, 16.9052



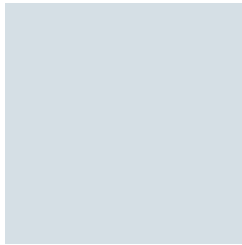
21.3774, 10.6852, 16.1484



1.6244, 0.8075, 1.4286

Previews

White Background



This preview shows how the XYZ color 67.9711, 72.5786, 84.5554 looks on a white background.

Color Contrast Check

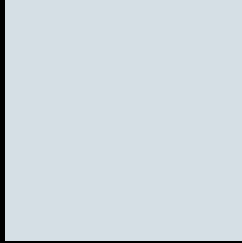
Large Text (above 18pt) WCAG AA × Fail

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 67.9711, 72.5786, 84.5554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

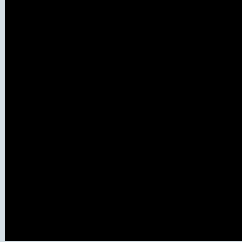
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

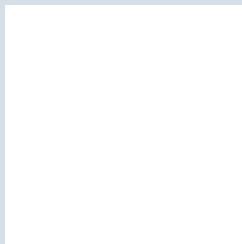
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.9711, 72.5786, 84.5554

Background



This preview shows how black text looks on a background with the XYZ color 67.9711, 72.5786, 84.5554.

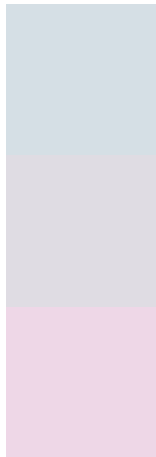


This preview shows how white text looks on a background with the XYZ color 67.9711, 72.5786,

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

67.9711, 72.5786, 84.5554

Protanopia

69.8898, 72.4204, 82.9680

Deuteranopia

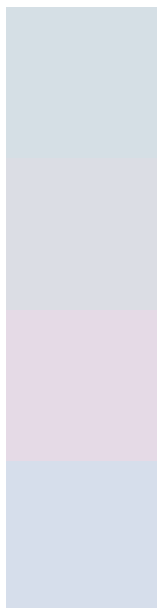
73.9841, 72.5475, 85.7050



Tritanopia

69.4608, 72.3920, 91.9734

Trichromacy



Original Color

67.9711, 72.5786, 84.5554

Protanomaly

69.0735, 72.3744, 83.7279

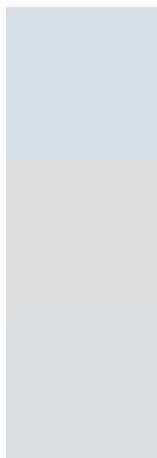
Deuteranomaly

71.6674, 72.5140, 85.0822

Tritanomaly

68.8482, 72.5369, 88.9696

Monochromacy



Original Color

67.9711, 72.5786, 84.5554

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.4893, 72.5298, 80.9109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9711, 72.5786, 84.5554 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(213, 223, 229) looks like.

```
.text, #text, p{  
    color:rgb(213, 223, 229)  
}
```

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(213, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 223, 229) }
```

Border

The CSS property to change the border of an element to XYZ 67.9711, 72.5786, 84.5554 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(213, 223, 229) }
```


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

```
.border{ border-color:rgb(213, 223, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 223, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 223, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 223, 229);  
box-shadow:4px 4px 4px 4px rgb(213, 223,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9711, 72.5786, 84.5554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 223, 229) }
```

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

```
.background{ background-color: rgb(213,  
223, 229) }
```

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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