

Converting Colors

XYZ(66.8058, 72.1831, 85.7385)

Have a look what the booklet for
XYZ(66.8058, 72.1831, 85.7385)
contains.

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Color

**XYZ(67.0919, 72.4907,
86.0573)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D0E0E7 |
| RGB | 208, 224, 231 |
| RGB Percent | 82%, 88%, 91% |
| CMY | 0.1843, 0.1215, 0.0941 |
| CMYK | 0.10, 0.03, 0.00, 0.09 |
| HSL | 198°, 32%, 86% |
| HSV | 198°, 10%, 91% |
| XYZ | 67.0919, 72.4907, 86.0573 |
| YIQ | 220.0140, -11.7830, -1.2150 |

Conversions

Conversions Part 2

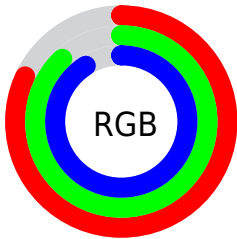
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 208, 217, 231 |
| Decimal | 13689063 |
| CIE Lab | 88.20, -3.96, -5.25 |
| CIE LCh | 88, 6.581, 232.957 |
| Yxy | 72.4907, 0.2973, 0.3213 |
| Android (android.graphics.Color) | 4291879143 (0xFFD0E0E7) |
| YUV | 220.0140, 5.4161, -10.5363 |
| Hunter-Lab | 85.1415, -8.3387, -0.3287 |

Details

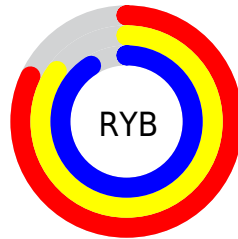
The XYZ color **67.0919, 72.4907, 86.0573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6410, 70.1436, 69.5972**, and the grayscale version is **68.0083, 71.5500, 77.9180**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2523, 38.3411, 46.1000** is the 20% darker color. If you saturate the color by 10%, you get **59.2150, 65.6859, 85.1601**, and if you desaturate by 10%, it is **75.9970, 79.9454, 87.0280**.

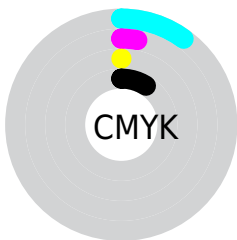
Distribution



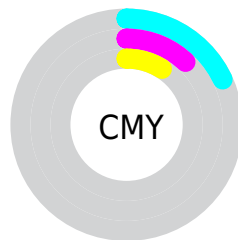
- Red (82%)
- Green (88%)
- Blue (91%)



- Red (82%)
- Yellow (85%)
- Blue (91%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0919, 72.4907, 86.0573 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 67.0919, 72.4907, 86.0573 by changing the saturation by 10% instead.

■ 67.0919, 72.4907,
86.0573

■ 67.0919, 72.4907,
86.0573

439.6992,
469.2478, 535.3557

■ 49.4303, 53.5596,
64.1602

114.1012,
122.7539, 143.7367

■ 35.1769, 38.2497,
46.3334

144.1795,
154.8549, 180.3561

■ 23.9663, 26.1765,
32.1584

179.1275,
192.1145, 222.7199

■ 15.4332, 16.9558,
21.2167

219.3104,
234.9173, 271.2468

■ 9.2123, 10.2030,
13.0897

265.0937,
283.6477, 326.3553

■ 4.9381, 5.5337,
7.3589

316.8427,

■ 2.2454, 2.5637,

338.6899, 388.4639

3.6057

374.9227,
400.4285, 457.9912

■ 0.7665, 0.9084,
1.4116

■ 0.0000, 0.0000,
0.1508

■ 67.0919, 72.4907,
86.0573

■ 67.0919, 72.4907,
86.0573

■ 59.2150, 65.6859,
85.1601

■ 75.9970, 79.9454,
87.0280

■ 52.3184, 59.4989,
84.3294

■ 85.9630, 88.0624,
88.0694

■ 46.3595, 53.9084,
83.5644

■ 88.3427, 92.3869,
88.7788

■ 41.2900, 48.8882,
82.8626

■ 90.5103, 96.7221,
89.5013

■ 37.0572, 44.4094,
82.2212

■ 91.4240, 98.5496,
89.8059

■ 33.6022, 40.4404,
81.6372

■ 30.8581, 36.9450,
81.1071

■ 28.7452, 33.8807,
80.6270

■ 27.1281, 31.1759,
80.1902

Harmonies

Analogous

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



66.1491, 72.4907, 82.3615



67.0919, 72.4907, 86.0573



68.5296, 72.4907, 87.8546

Triad

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



67.0919, 72.4907, 86.0573



71.9498, 72.4907, 79.9983



67.7258, 72.4907, 71.2100

Complementary

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



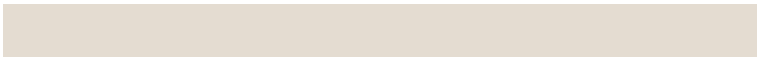
67.0919, 72.4907, 86.0573



68.6410, 70.1436, 69.5972

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.



69.2722, 72.4907, 70.6313



67.0919, 72.4907, 86.0573



71.7266, 72.4907, 75.5952

Square

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



67.0919, 72.4907, 86.0573



71.3459, 72.4907, 84.2711



70.7408, 72.4907, 72.2076



66.5111, 72.4907, 73.8196

Rectangle

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



67.0919, 72.4907, 86.0573



69.5815, 72.4907, 87.6878



70.7408, 72.4907, 72.2076



68.2234, 72.4907, 70.7757

Sweetspot

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



67.0940, 72.4937, 86.0589



91.5534, 97.1020, 108.5249



66.8425, 75.4641, 75.2670



19.4005, 20.6208, 23.2076



0.0000, 0.0000, 0.0000



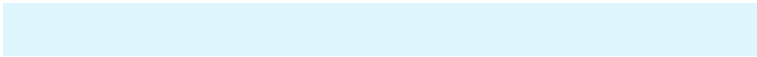
20.3446, 21.4041, 23.3091

Same Dimension

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



67.0940, 72.4937, 86.0589



81.7765, 88.8551, 107.4484



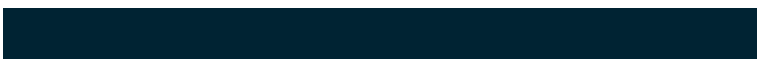
64.1313, 66.5683, 85.0713



14.4180, 15.5574, 18.3873



15.3188, 17.6996, 44.9922



1.2130, 1.4698, 3.3517

Inverse Universe

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



68.9671, 67.4840, 79.9152



84.5905, 81.4214, 98.1980



71.6466, 76.1548, 70.5990



14.7986, 14.5366, 17.1397



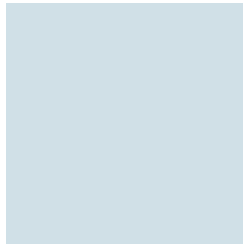
22.1257, 10.9845, 20.0887



1.6759, 0.8281, 1.6997

Previews

White Background



This preview shows how the XYZ color 67.0919, 72.4907, 86.0573 looks on a white background.

Color Contrast Check

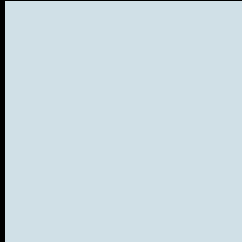
Large Text (above 18pt) WCAG AA × Fail

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 67.0919, 72.4907, 86.0573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

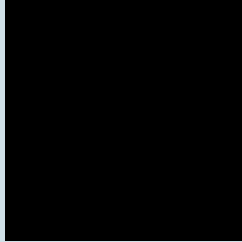
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

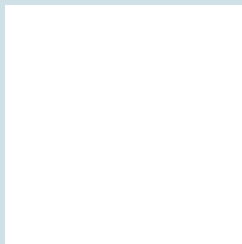
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0919, 72.4907, 86.0573

Background



This preview shows how black text looks on a background with the XYZ color 67.0919, 72.4907, 86.0573.

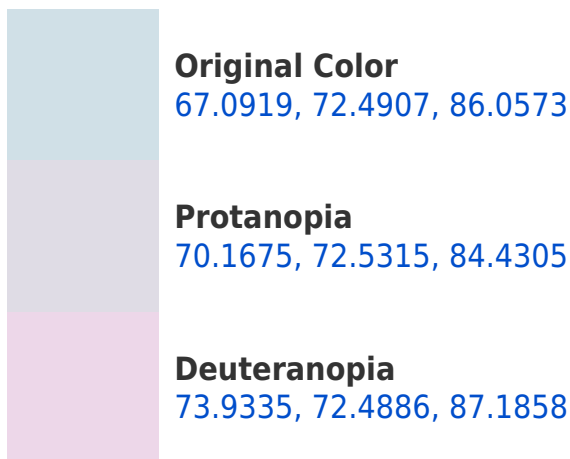


This preview shows how white text looks on a background with the XYZ color 67.0919, 72.4907,

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

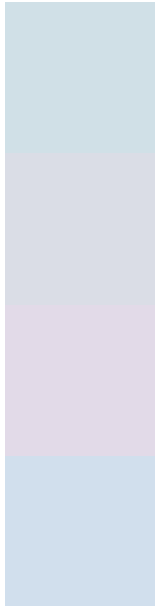




Tritanopia

68.6942, 72.7683, 92.8632

Trichromacy



Original Color

67.0919, 72.4907, 86.0573

Protanomaly

69.0528, 72.3315, 85.1848

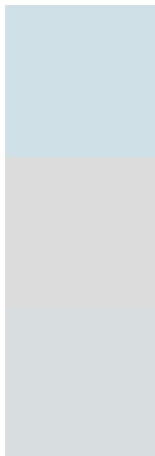
Deuteranomaly

71.0009, 72.1378, 86.5258

Tritanomaly

67.9682, 72.4451, 90.5218

Monochromacy



Original Color

67.0919, 72.4907, 86.0573

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6299, 71.6937, 80.7948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0919, 72.4907, 86.0573 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(208, 224, 231) looks like.

```
.text, #text, p{  
    color:rgb(208, 224, 231)  
}
```

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(208, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 224, 231) }
```

Border

The CSS property to change the border of an element to XYZ 67.0919, 72.4907, 86.0573 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(208, 224, 231) }
```


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

```
.border{ border-color:rgb(208, 224, 231) }
```

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

Here you see how a box with a 4 pixel rgb(208, 224, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 224, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 224, 231);  
box-shadow:4px 4px 4px 4px rgb(208, 224,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0919, 72.4907, 86.0573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 224, 231) }
```

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

```
.background{ background-color: rgb(208,  
224, 231) }
```

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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