

Converting Colors

XYZ(67.9147, 73.7175, 86.2507)

Have a look what the booklet for
XYZ(67.9147, 73.7175, 86.2507)
contains.

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Color

**XYZ(67.9147, 73.7175,
86.2507)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E2E7
RGB	209, 226, 231
RGB Percent	82%, 89%, 91%
CMY	0.1804, 0.1137, 0.0941
CMYK	0.10, 0.02, 0.00, 0.09
HSL	194°, 31%, 86%
HSV	194°, 10%, 91%
XYZ	67.9147, 73.7175, 86.2507
YIQ	221.4870, -11.7370, -2.0490

Conversions

Conversions Part 2

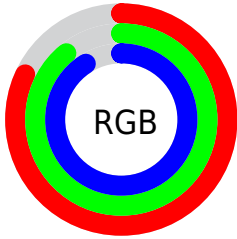
Format	Color
R _Y B	209, 219, 231
Decimal	13755111
CIE Lab	88.79, -4.67, -4.38
CIE LCh	89, 6.406, 223.177
Yxy	73.7175, 0.2980, 0.3235
Android (android.graphics.Color)	4291945191 (0xFFD1E2E7)
YUV	221.4870, 4.6899, -10.9511
Hunter-Lab	85.8589, -9.0589, 0.5407

Details

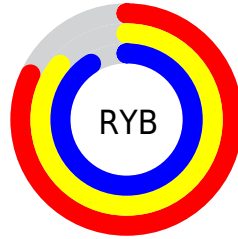
The XYZ color **67.9147, 73.7175, 86.2507** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5107, 69.6853, 70.1628**, and the grayscale version is **69.0452, 72.6410, 79.1060**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6272, 39.0910, 46.2250** is the 20% darker color. If you saturate the color by 10%, you get **60.4426, 67.7817, 85.5000**, and if you desaturate by 10%, it is **76.3824, 80.2353, 87.0636**.

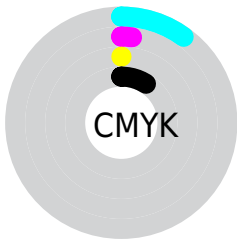
Distribution



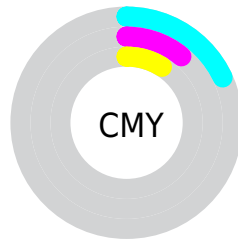
- Red (82%)
- Green (89%)
- Blue (91%)



- Red (82%)
- Yellow (86%)
- Blue (91%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9147, 73.7175, 86.2507 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 67.9147, 73.7175, 86.2507 by changing the saturation by 10% instead.

■ 67.9147, 73.7175,
86.2507

■ 67.9147, 73.7175,
86.2507

442.5752,
473.4978, 536.0096

■ 50.1018, 54.5629,
64.3192

115.2727,
124.4953, 144.0089

■ 35.7124, 39.0518,
46.4614

145.5485,
156.8872, 180.6727

■ 24.3812, 26.8001,
32.2588

180.7092,
194.4603, 223.0844

■ 15.7429, 17.4231,
21.2928

221.1203,
237.5990, 271.6625

■ 9.4321, 10.5366,
13.1449

267.1471,
286.6877, 326.8255

■ 5.0834, 5.7562,
7.3965

319.1549,

■ 2.3316, 2.6974,

342.1108, 388.9920

3.6291

377.5092,
404.2527, 458.5806

■ 0.8107, 0.9759,
1.4242

■ 0.0000, 0.0000,
0.1604

■ 67.9147, 73.7175,
86.2507

■ 67.9147, 73.7175,
86.2507

■ 60.4426, 67.7817,
85.5000

■ 76.3824, 80.2353,
87.0636

■ 53.9186, 62.3970,
84.8044

■ 85.8031, 87.3079,
87.9322

■ 48.3011, 57.5432,
84.1636

■ 87.3403, 90.3822,
88.4446

■ 43.5423, 53.1952,
83.5752

■ 88.9223, 93.5461,
88.9719

■ 39.5905, 49.3257,
83.0366

■ 90.5494, 96.8003,
89.5143

■ 36.3876, 45.9041,
82.5450

■ 91.4240, 98.5496,
89.8059

■ 33.8677, 42.8960,
82.0972

■ 31.9525, 40.2602,
81.6894

■ 30.5147, 37.9305,
81.3155

Harmonies

Analogous

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



67.2035, 73.7175, 82.2279



67.9147, 73.7175, 86.2507



69.2070, 73.7175, 88.7187

Triad

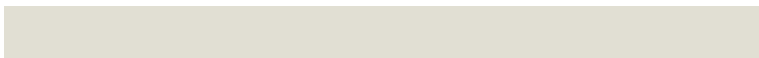
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.9147, 73.7175, 86.2507



72.9587, 73.7175, 82.7622



69.3889, 73.7175, 72.2365

Complementary

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



67.9147, 73.7175, 86.2507



68.5107, 69.6853, 70.1628

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.



70.9326, 73.7175, 72.3677



67.9147, 73.7175, 86.2507



73.0092, 73.7175, 78.3353

Square

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



67.9147, 73.7175, 86.2507



72.1260, 73.7175, 86.6543



72.2628, 73.7175, 74.5644



68.0461, 73.7175, 74.1993

Rectangle

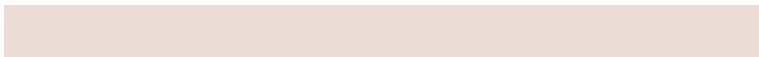
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



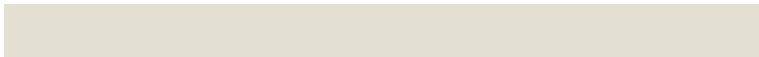
67.9147, 73.7175, 86.2507



70.2316, 73.7175, 89.0958



72.2628, 73.7175, 74.5644



69.9012, 73.7175, 72.0394

Sweetspot

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



67.9168, 73.7206, 86.2523



91.7395, 97.4742, 108.5870



66.9796, 75.5516, 74.5163



19.4509, 20.7214, 23.2244



0.0000, 0.0000, 0.0000



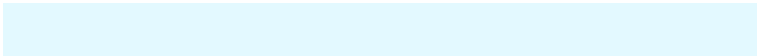
20.3446, 21.4041, 23.3091

Same Dimension

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



67.9168, 73.7206, 86.2523



83.4739, 91.0650, 107.7855



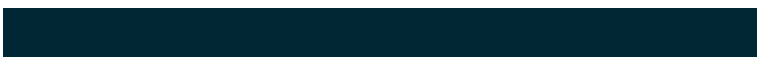
65.0796, 68.0461, 85.3066



14.5153, 15.7520, 18.4197



17.1686, 21.3992, 45.6088



1.3368, 1.7176, 3.3930

Inverse Universe

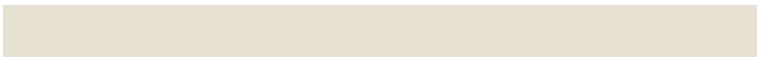
The Inverse Universe completely reimagines the original color for something new.



69.4846, 68.0825, 81.4340



85.7365, 82.9872, 100.8188



71.3270, 75.3180, 71.1016



14.8477, 14.5563, 17.3983



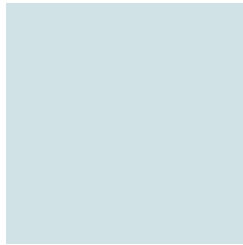
23.0594, 11.3580, 25.0055



1.7384, 0.8531, 2.0289

Previews

White Background



This preview shows how the XYZ color 67.9147, 73.7175, 86.2507 looks on a white background.

Color Contrast Check

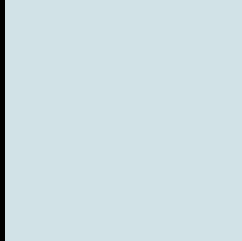
Large Text (above 18pt) WCAG AA × Fail

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 67.9147, 73.7175, 86.2507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

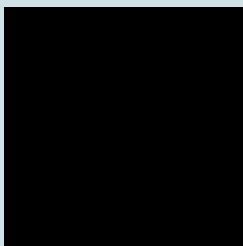
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

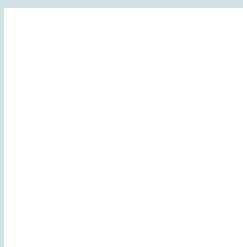
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.9147, 73.7175, 86.2507

Background



This preview shows how black text looks on a background with the XYZ color 67.9147, 73.7175, 86.2507.

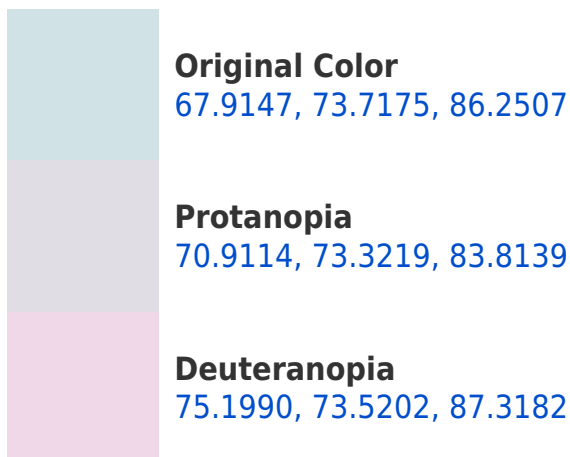


This preview shows how white text looks on a background with the XYZ color 67.9147, 73.7175,

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

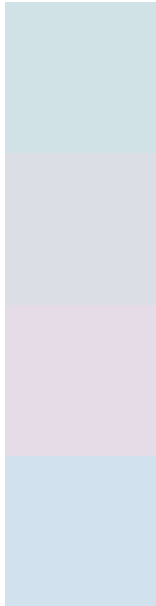




Tritanopia

69.5466, 73.5710, 94.5395

Trichromacy



Original Color

67.9147, 73.7175, 86.2507

Protanomaly

69.7440, 73.4926, 84.6383

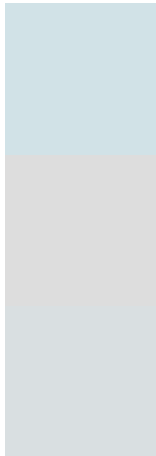
Deuteranomaly

72.4718, 73.6706, 86.7441

Tritanomaly

68.9362, 73.7251, 91.4860

Monochromacy



Original Color

67.9147, 73.7175, 86.2507

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.5936, 72.9633, 81.7022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9147, 73.7175, 86.2507 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(209, 226, 231) looks like.

```
.text, #text, p{  
    color:rgb(209, 226, 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(209, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 226, 231) }
```

Border

The CSS property to change the border of an element to XYZ 67.9147, 73.7175, 86.2507 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(209, 226, 231) }
```


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

```
.border{ border-color:rgb(209, 226, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 226, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 226, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 226, 231);  
box-shadow:4px 4px 4px 4px rgb(209, 226,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9147, 73.7175, 86.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 226, 231) }
```

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

```
.background{ background-color: rgb(209,  
226, 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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