

Converting Colors

XYZ(68.0470, 73.0772, 83.3870)

Have a look what the booklet for
XYZ(68.0470, 73.0772, 83.3870)
contains.

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Color

**XYZ(67.9614, 73.0035,
83.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E0E3
RGB	213, 224, 227
RGB Percent	84%, 88%, 89%
CMY	0.1647, 0.1215, 0.1098
CMYK	0.06, 0.01, 0.00, 0.11
HSL	193°, 20%, 86%
HSV	193°, 6%, 89%
XYZ	67.9614, 73.0035, 83.1822
YIQ	221.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

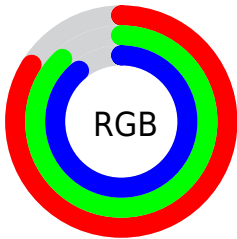
Format	Color
R_{YB}	213, 219, 227
Decimal	14016739
CIE _{Lab}	88.45, -3.11, -2.75
CIE _{LCh}	88, 4.147, 221.494
Yxy	73.0035, 0.3032, 0.3257
Android (android.graphics.Color)	4292206819 (0xFFD5E0E3)
YUV	221.0530, 2.9319, -7.0625
Hunter-Lab	85.4421, -7.5432, 2.0876

Details

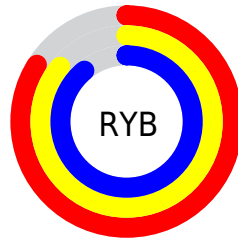
The XYZ color **67.9614, 73.0035, 83.1822** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2450, 70.2463, 72.9141**, and the grayscale version is **68.7501, 72.3304, 78.7678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7349, 38.6236, 44.6014** is the 20% darker color. If you saturate the color by 10%, you get **60.5457, 67.2716, 82.4678**, and if you desaturate by 10%, it is **76.3402, 79.2914, 83.9554**.

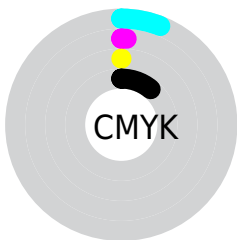
Distribution



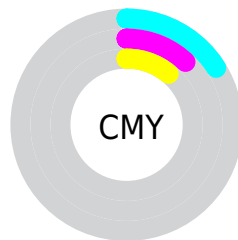
- Red (84%)
- Green (88%)
- Blue (89%)



- Red (84%)
- Yellow (86%)
- Blue (89%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9614, 73.0035, 83.1822 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 67.9614, 73.0035, 83.1822 by changing the saturation by 10% instead.

■ 67.9614, 73.0035,
83.1822

■ 67.9614, 73.0035,
83.1822

442.7381,
471.0269, 525.5804

■ 50.1399, 53.9788,
61.7990

115.3391,
123.4822, 139.6821

■ 35.7428, 38.5847,
44.4356

145.6261,
155.7050, 175.6359

■ 24.4048, 26.4368,
30.6734

180.7989,
193.0959, 217.2837

■ 15.7605, 17.1507,
20.0939

221.2229,
236.0394, 265.0439

■ 9.4446, 10.3420,
12.2785

267.2634,
284.9199, 319.3351

■ 5.0917, 5.6263,
6.8088

319.2859,

■ 2.3365, 2.6192,

340.1217, 380.5760

3.2662

377.6557,
402.0293, 449.1849

■ 0.8132, 0.9363,
1.2321

■ 0.0000, 0.0000,
0.0052

■ 67.9614, 73.0035,
83.1822

■ 67.9614, 73.0035,
83.1822

■ 60.5457, 67.2716,
82.4678

■ 76.3402, 79.2914,
83.9554

■ 54.0485, 62.0661,
81.8055

■ 84.4493, 85.4940,
84.7252

■ 48.4308, 57.3685,
81.1948

■ 85.8494, 88.2943,
85.1919

■ 43.6485, 53.1556,
80.6337

■ 87.2878, 91.1711,
85.6714

■ 39.6533, 49.4020,
80.1198

■ 88.7648, 94.1250,
86.1637

■ 36.3919, 46.0797,
79.6504

■ 90.2805, 97.1564,
86.6690

■ 33.8041, 43.1573,
79.2227

■ 90.8653, 98.3261,
86.8639

■ 31.8197, 40.5980,
78.8333

■ 30.3513, 38.3563,
78.4780

Harmonies

Analogous

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



67.5257, 73.0035, 80.5876



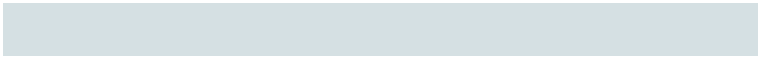
67.9614, 73.0035, 83.1822



68.7808, 73.0035, 84.8100

Triad

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



67.9614, 73.0035, 83.1822



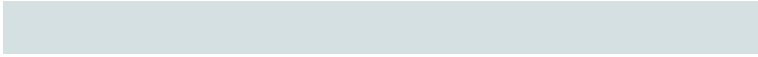
71.2217, 73.0035, 81.2441



69.0063, 73.0035, 74.2280

Complementary

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



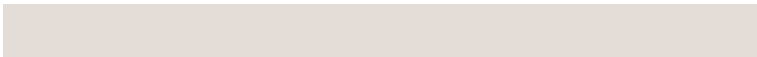
67.9614, 73.0035, 83.1822



68.2450, 70.2463, 72.9141

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.



69.9980, 73.0035, 74.3942



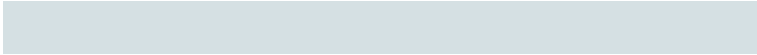
67.9614, 73.0035, 83.1822



71.2835, 73.0035, 78.3993

Square

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



67.9614, 73.0035, 83.1822



70.6657, 73.0035, 83.6727



70.8337, 73.0035, 75.9056



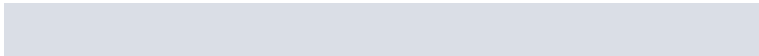
68.1251, 73.0035, 75.4460

Rectangle

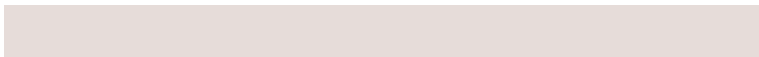
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9614, 73.0035, 83.1822



69.4376, 73.0035, 85.1049



70.8337, 73.0035, 75.9056



69.3377, 73.0035, 74.1246

Sweetspot

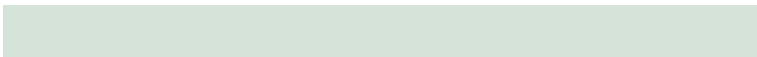
The Sweet Spot groups the original color and five complimentary colors.



67.9635, 73.0066, 83.1838



92.8513, 98.3510, 108.6976



67.2797, 74.0331, 75.5753



19.8970, 21.0685, 23.2679



0.0000, 0.0000, 0.0000



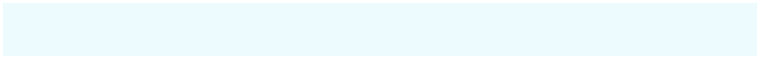
20.3446, 21.4041, 23.3091

Same Dimension

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



67.9635, 73.0066, 83.1838



87.5784, 94.3568, 108.2046



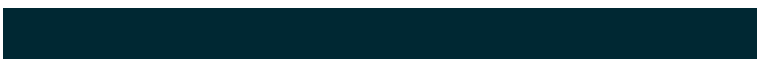
66.1714, 69.4224, 82.5864



14.8542, 16.0323, 18.4560



17.5072, 22.0765, 45.7216



1.3592, 1.7623, 3.4005

Inverse Universe

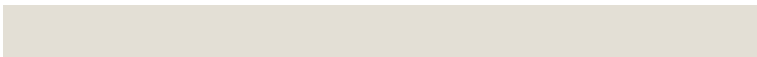
The Inverse Universe completely reimagines the original color for something new.



68.9290, 69.3027, 80.2684



89.0085, 88.8916, 103.8816



70.0243, 73.8048, 73.5071



15.1158, 15.0350, 17.6648



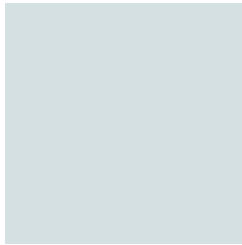
23.2303, 11.4264, 25.9057



1.7497, 0.8576, 2.0883

Previews

White Background



This preview shows how the XYZ color 67.9614, 73.0035, 83.1822 looks on a white background.

Color Contrast Check

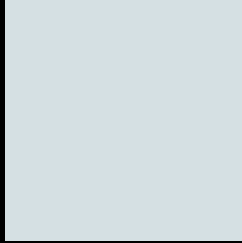
Large Text (above 18pt) WCAG AA × Fail

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 67.9614, 73.0035, 83.1822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

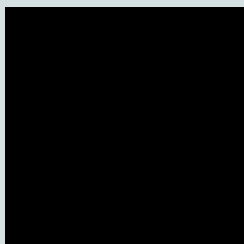
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

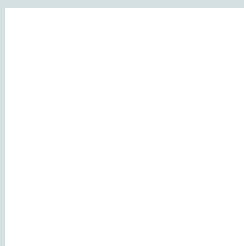
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.9614, 73.0035, 83.1822

Background



This preview shows how black text looks on a background with the XYZ color 67.9614, 73.0035, 83.1822.

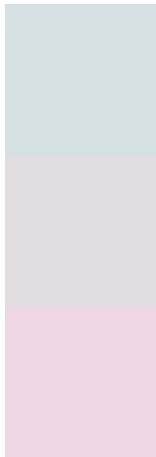


This preview shows how white text looks on a background with the XYZ color 67.9614, 73.0035,

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

67.9614, 73.0035, 83.1822

Protanopia

70.4984, 73.1567, 81.6392

Deuteranopia

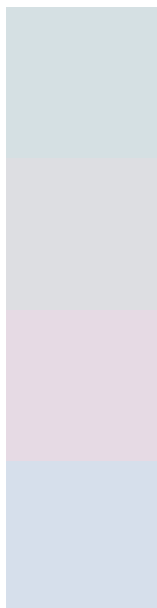
74.3785, 72.7833, 84.2572



Tritanopia

69.8738, 72.9809, 92.8421

Trichromacy



Original Color

67.9614, 73.0035, 83.1822

Protanomaly

69.6675, 73.1057, 82.3904

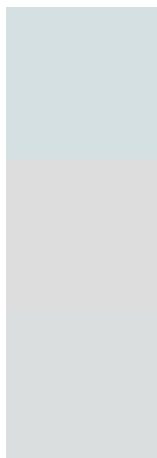
Deuteranomaly

71.7081, 72.5672, 83.6262

Tritanomaly

69.1146, 73.0697, 89.0584

Monochromacy



Original Color

67.9614, 73.0035, 83.1822

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.3540, 72.4757, 80.1986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9614, 73.0035, 83.1822 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, 224, 227) looks like.

```
.text, #text, p{  
    color:rgb(213, 224, 227)  
}
```

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, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 224, 227) }
```

Border

The CSS property to change the border of an element to XYZ 67.9614, 73.0035, 83.1822 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, 224, 227) }
```


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

```
.border{ border-color:rgb(213, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(213, 224,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9614, 73.0035, 83.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 224, 227) }
```

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

```
.background{ background-color: rgb(213,  
224, 227) }
```

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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