

Converting Colors

XYZ(69.1804, 79.5848, 87.4774)

Have a look what the booklet for
XYZ(69.1804, 79.5848, 87.4774)
contains.

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Color

**XYZ(69.0857, 79.3361,
87.2735)**

Conversions

Conversions Part 1

Format	Color
Hex	C9EEE7
RGB	201, 238, 231
RGB Percent	79%, 93%, 91%
CMY	0.2118, 0.0666, 0.0941
CMYK	0.16, 0.00, 0.03, 0.07
HSL	169°, 52%, 86%
HSV	169°, 16%, 93%
XYZ	69.0857, 79.3361, 87.2735
YIQ	226.1390, -19.8050, -10.0210

Conversions

Conversions Part 2

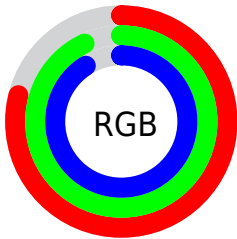
Format	Color
R_{YB}	201, 221, 238
Decimal	13233895
CIE _{Lab}	91.39, -13.31, -0.63
CIE _{LCh}	91, 13.328, 182.725
Yxy	79.3361, 0.2931, 0.3366
Android (android.graphics.Color)	4291423975 (0xFFC9EEE7)
YUV	226.1390, 2.3965, -22.0469
Hunter-Lab	89.0708, -17.4246, 4.2560

Details

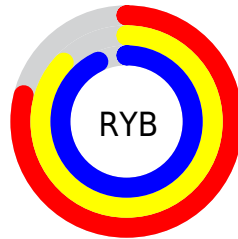
The XYZ color **69.0857, 79.3361, 87.2735** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.5345, 64.5065, 68.5695**, and the grayscale version is **72.3846, 76.1542, 82.9319**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4984, 42.7541, 46.8861** is the 20% darker color. If you saturate the color by 10%, you get **62.5492, 76.0411, 83.6904**, and if you desaturate by 10%, it is **76.6344, 83.1553, 90.9928**.

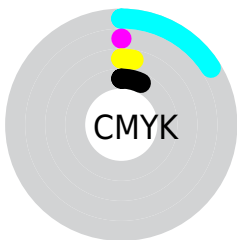
Distribution



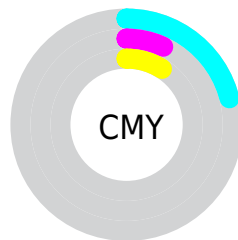
- Red (79%)
- Green (93%)
- Blue (91%)



- Red (79%)
- Yellow (87%)
- Blue (93%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0857, 79.3361, 87.2735 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 69.0857, 79.3361, 87.2735 by changing the saturation by 10% instead.

69.0857, 79.3361,
87.2735

69.0857, 79.3361,
87.2735

446.6498,
492.6926, 539.4607

51.0584, 59.1722,
65.1606

116.9374,
132.4319, 145.4475

36.4763, 42.7517,
47.1392

147.4925,
166.1326, 182.3458

24.9741, 29.6904,
32.7906

182.9542,
205.1144, 225.0096

16.1864, 19.6037,
21.6963

223.6879,
249.7615, 273.8575

9.7478, 12.1073,
13.4377

270.0590,
300.4586, 329.3080

5.2931, 6.8168,
7.5964

322.4327,

2.4567, 3.3478,

357.5898, 391.7797

3.7537

381.1746,
421.5397, 461.6910

0.8735, 1.3159,
1.4912

0.0000, 0.1535,
0.2114

69.0857, 79.3361,
87.2735

69.0857, 79.3361,
87.2735

62.5492, 76.0411,
83.6904

76.6344, 83.1553,
90.9928

56.9725, 73.2369,
80.2354

85.2313, 87.5108,
94.8456

52.3087, 70.9015,
76.9073

88.2235, 88.9750,
98.5229

48.5042, 69.0072,
73.7030

88.9180, 89.2528,
102.1799

■ 45.4998, 67.5235,
70.6191

■ 89.6293, 89.5373,
105.9257

■ 43.2285, 66.4159,
67.6517

■ 89.8660, 89.6320,
107.1720

■ 41.6123, 65.6443,
64.7966

■ 40.5551, 65.1590,
62.0485

■ 40.1971, 65.0004,
60.8560

Harmonies

Analogous

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



69.7641, 79.3361, 78.1139



69.0857, 79.3361, 87.2735



70.0585, 79.3361, 96.8658

Triad

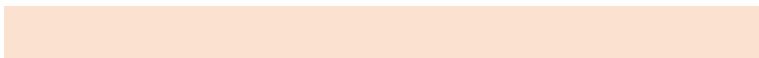
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0857, 79.3361, 87.2735



78.9830, 79.3361, 103.0465



78.4310, 79.3361, 70.8413

Complementary

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



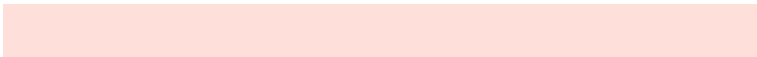
69.0857, 79.3361, 87.2735



67.5345, 64.5065, 68.5695

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.



81.0201, 79.3361, 76.6861



69.0857, 79.3361, 87.2735



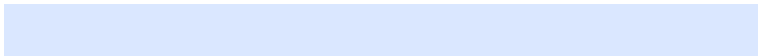
81.3454, 79.3361, 95.2172

Square

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



69.0857, 79.3361, 87.2735



75.7167, 79.3361, 106.3887



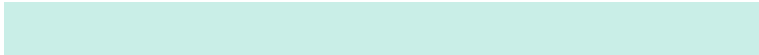
82.1017, 79.3361, 85.4996



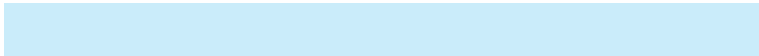
75.0973, 79.3361, 69.0579

Rectangle

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



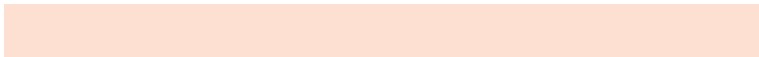
69.0857, 79.3361, 87.2735



71.5301, 79.3361, 102.0941



82.1017, 79.3361, 85.4996



79.4206, 79.3361, 72.3735

Sweetspot

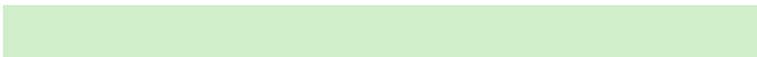
The Sweet Spot groups the original color and five complimentary colors.



69.0880, 79.3394, 87.2753



90.1277, 97.5071, 106.6543



67.2446, 78.8375, 66.9325



19.1483, 20.7983, 22.7615



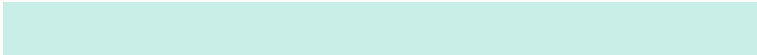
0.0000, 0.0000, 0.0000



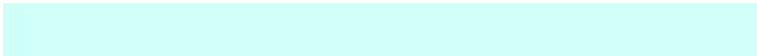
20.3446, 21.4041, 23.3091

Same Dimension

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



69.0880, 79.3394, 87.2753



77.9751, 91.3641, 100.5775



66.9641, 73.4768, 91.5459



16.1116, 17.8747, 19.6105



22.4704, 36.2802, 34.1900



1.9020, 3.0312, 3.0164

Inverse Universe

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



67.5345, 64.5065, 68.5695



75.8024, 70.6113, 74.4101



69.3736, 69.5336, 65.0245



15.8950, 15.8077, 17.0034



19.9711, 10.2609, 2.4986



1.6947, 0.8669, 0.3831

Previews

White Background



This preview shows how the XYZ color 69.0857, 79.3361, 87.2735 looks on a white background.

Color Contrast Check

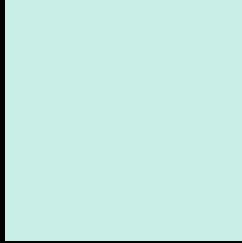
Large Text (above 18pt) WCAG AA × Fail

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 69.0857, 79.3361, 87.2735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

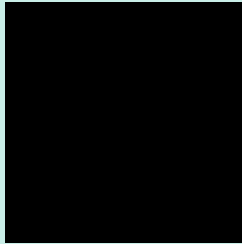
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

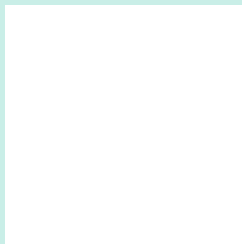
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0857, 79.3361, 87.2735

Background



This preview shows how black text looks on a background with the XYZ color 69.0857, 79.3361, 87.2735.



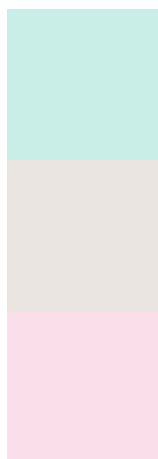
This preview shows how white text looks on a background with the XYZ color 69.0857, 79.3361,

87.2735.

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

69.0857, 79.3361, 87.2735

Protanopia

76.0077, 79.1918, 83.2310

Deuteranopia

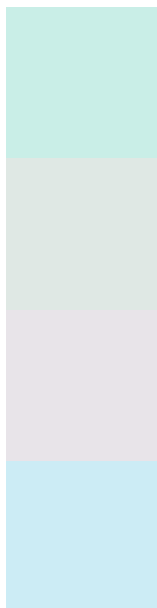
80.6633, 79.0399, 88.8467



Tritanopia

72.6148, 79.4876, 104.4439

Trichromacy



Original Color

69.0857, 79.3361, 87.2735

Protanomaly

73.2916, 79.0026, 84.7849

Deuteranomaly

75.7301, 78.5258, 88.2564

Tritanomaly

71.3787, 79.4208, 97.9539

Monochromacy



Original Color

69.0857, 79.3361, 87.2735

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.9157, 76.9468, 84.5133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0857, 79.3361, 87.2735 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(201, 238, 231)` looks like.

```
.text, #text, p{  
    color:rgb(201, 238, 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(201, 238, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 238, 231) }
```

Border

The CSS property to change the border of an element to XYZ 69.0857, 79.3361, 87.2735 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(201, 238, 231) }
```


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

```
.border{ border-color:rgb(201, 238, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 238, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 238, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 238, 231);  
box-shadow:4px 4px 4px 4px rgb(201, 238,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0857, 79.3361, 87.2735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 238, 231) }
```

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

```
.background{ background-color: rgb(201,  
238, 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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