

Converting Colors

XYZ(63.1096, 71.5878, 81.5299)

Have a look what the booklet for
XYZ(63.1096, 71.5878, 81.5299)
contains.

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Color

**XYZ(63.3078, 71.8437,
81.7647)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E3E1
RGB	194, 227, 225
RGB Percent	76%, 89%, 88%
CMY	0.2392, 0.1098, 0.1176
CMYK	0.15, 0.00, 0.01, 0.11
HSL	176°, 37%, 83%
HSV	176°, 15%, 89%
XYZ	63.3078, 71.8437, 81.7647
YIQ	216.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

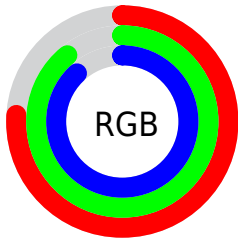
Format	Color
RYB	194, 211, 227
Decimal	12772321
CIELab	87.89, -11.16, -2.66
CIELCh	88, 11.470, 193.418
Yxy	71.8437, 0.2919, 0.3312
Android (android.graphics.Color)	4290962401 (0xFFC2E3E1)
YUV	216.9050, 3.9908, -20.0877
Hunter-Lab	84.7607, -15.0094, 2.1381

Details

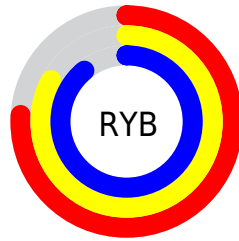
The XYZ color **63.3078, 71.8437, 81.7647** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.9367, 58.9019, 60.3852**, and the grayscale version is **65.8728, 69.3033, 75.4713**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **32.8234, 37.9828, 43.6316** is the 20% darker color. If you saturate the color by 10%, you get **57.7343, 68.9940, 80.5280**, and if you desaturate by 10%, it is **69.7769, 75.1588, 83.0542**.

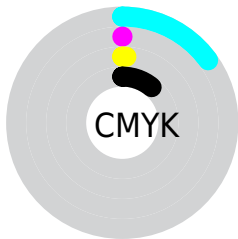
Distribution



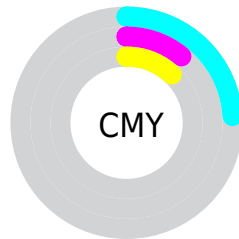
- Red (76%)
- Green (89%)
- Blue (88%)



- Red (76%)
- Yellow (83%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3078, 71.8437, 81.7647 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 63.3078, 71.8437, 81.7647 by changing the saturation by 10% instead.

■ 63.3078, 71.8437,
81.7647

■ 63.3078, 71.8437,
81.7647

426.3276,
466.9974, 520.7231

■ 46.3498, 53.0310,
60.6369

■ 108.6928,
121.8343, 137.6777

■ 32.7278, 37.8275,
43.5036

137.8505,
153.7810, 173.3000

■ 22.0762, 25.8489,
29.9461

171.8055,
190.8744, 214.5909

■ 14.0298, 16.7106,
19.5460

210.9232,
233.4991, 261.9689

■ 8.2233, 10.0284,
11.8847

255.5689,
282.0393, 315.8526

■ 4.2911, 5.4178,
6.5436

306.1080,

■ 1.8681, 2.4944,

336.8795, 376.6605

3.1043

362.9058,
398.4041, 444.8111

■ 0.5582, 0.8738,
1.1481

■ 0.0000, 0.0000,
0.0000

■ 63.3078, 71.8437,
81.7647

■ 63.3078, 71.8437,
81.7647

■ 57.7343, 68.9940,
80.5280

■ 69.7769, 75.1588,
83.0542

■ 53.0100, 66.5800,
79.3375

■ 77.1731, 78.9497,
84.3936

■ 49.0935, 64.5822,
78.1926

■ 82.8721, 81.8654,
85.6614

■ 45.9377, 62.9765,
77.0912

■ 83.0655, 81.9428,
86.6796

43.4906, 61.7359,
76.0309

83.2603, 82.0207,
87.7059

41.6935, 60.8302,
75.0087

83.4568, 82.0993,
88.7402

40.4785, 60.2245,
74.0216

83.6547, 82.1785,
89.7826

39.7625, 59.8758,
73.0657

83.8542, 82.2583,
90.8332

39.5094, 59.7564,
72.5533

84.0553, 82.3387,
91.8919

Harmonies

Analogous

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



63.3791, 71.8437, 74.0152



63.3078, 71.8437, 81.7647



64.5447, 71.8437, 89.0148

Triad

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



63.3078, 71.8437, 81.7647



71.9554, 71.8437, 89.6556



69.7936, 71.8437, 64.6897

Complementary

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



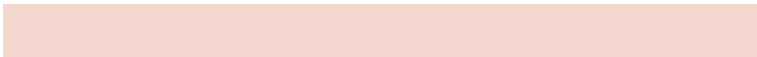
63.3078, 71.8437, 81.7647



60.9367, 58.9019, 60.3852

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.



72.1677, 71.8437, 68.3454



63.3078, 71.8437, 81.7647



73.4383, 71.8437, 82.5927

Square

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



63.3078, 71.8437, 81.7647



69.5101, 71.8437, 93.7711



73.5171, 71.8437, 74.7901



67.0749, 71.8437, 64.5008

Rectangle

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



63.3078, 71.8437, 81.7647



65.9643, 71.8437, 92.4479



73.5171, 71.8437, 74.7901



70.6601, 71.8437, 65.5423

Sweetspot

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



63.3099, 71.8467, 81.7663



91.2969, 98.0767, 108.2049



60.0258, 70.5988, 61.5034



19.3949, 20.9175, 23.1326



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.



63.3099, 71.8467, 81.7663



80.4398, 92.5168, 106.0201



59.8342, 64.4554, 81.9640



14.7677, 16.3205, 18.3074



23.0568, 34.8548, 42.3952



1.7154, 2.5803, 3.1936

Inverse Universe

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



60.9367, 58.9019, 60.3852



76.8696, 73.0416, 73.8537



64.0478, 65.4865, 60.3046



14.4123, 14.3821, 15.1055



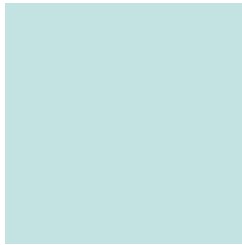
18.5345, 9.5480, 1.1777



1.3822, 0.7106, 0.1532

Previews

White Background



This preview shows how the XYZ color 63.3078, 71.8437, 81.7647 looks on a white background.

Color Contrast Check

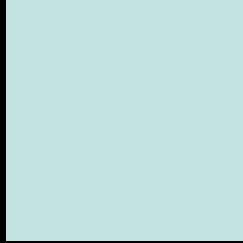
Large Text (above 18pt) WCAG AA × Fail

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 63.3078, 71.8437, 81.7647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

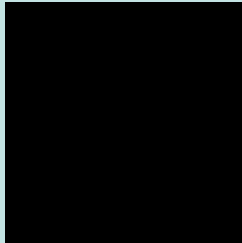
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

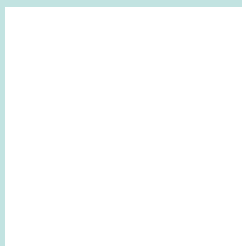
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3078, 71.8437, 81.7647

Background



This preview shows how black text looks on a background with the XYZ color 63.3078, 71.8437, 81.7647.



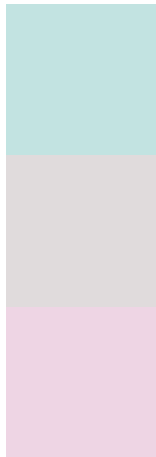
This preview shows how white text looks on a background with the XYZ color 63.3078, 71.8437,

81.7647.

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

63.3078, 71.8437, 81.7647

Protanopia

68.9903, 71.6776, 77.9091

Deuteranopia

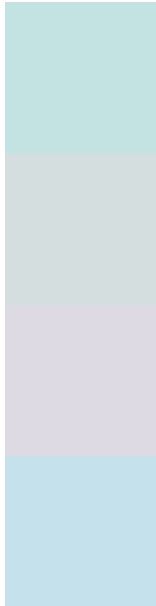
73.0577, 71.3671, 83.3235



Tritanopia

65.7086, 71.5924, 94.3599

Trichromacy



Original Color

63.3078, 71.8437, 81.7647

Protanomaly

66.7467, 71.6626, 79.4216

Deuteranomaly

69.0607, 71.2185, 82.7797

Tritanomaly

64.8305, 71.6423, 89.7683

Monochromacy



Original Color

63.3078, 71.8437, 81.7647

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.0692, 70.4355, 77.8760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3078, 71.8437, 81.7647 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(194, 227, 225)` looks like.

```
.text, #text, p{  
    color:rgb(194, 227, 225)  
}
```

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(194, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 227, 225) }
```

Border

The CSS property to change the border of an element to XYZ 63.3078, 71.8437, 81.7647 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(194, 227, 225) }
```


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

```
.border{ border-color:rgb(194, 227, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 227, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 227, 225);  
box-shadow:4px 4px 4px 4px rgb(194, 227,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3078, 71.8437, 81.7647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 227, 225) }
```

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

```
.background{ background-color: rgb(194,  
227, 225) }
```

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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