

Converting Colors

XYZ(65.5767, 71.7760, 80.4151)

Have a look what the booklet for
XYZ(65.5767, 71.7760, 80.4151)
contains.

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Color

**XYZ(65.7071, 71.9044,
80.2278)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE0DF
RGB	207, 224, 223
RGB Percent	81%, 88%, 87%
CMY	0.1882, 0.1215, 0.1255
CMYK	0.08, 0.00, 0.00, 0.12
HSL	176°, 22%, 85%
HSV	176°, 8%, 88%
XYZ	65.7071, 71.9044, 80.2278
YIQ	218.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

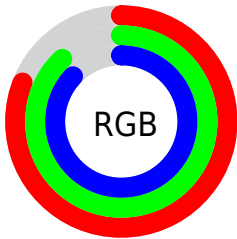
Format	Color
R_{YB}	207, 216, 224
Decimal	13623519
CIE _{Lab}	87.92, -5.83, -1.46
CIE _{LCh}	88, 6.016, 194.095
Yxy	71.9044, 0.3016, 0.3301
Android (android.graphics.Color)	4291813599 (0xFFCFE0DF)
YUV	218.8030, 2.0691, -10.3512
Hunter-Lab	84.7965, -10.0777, 3.2619

Details

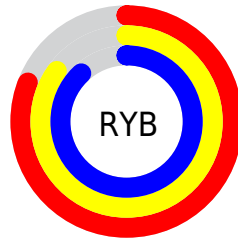
The XYZ color **65.7071, 71.9044, 80.2278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4411, 65.0290, 68.8334**, and the grayscale version is **67.1881, 70.6871, 76.9783**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3927, 37.9754, 42.5631** is the 20% darker color. If you saturate the color by 10%, you get **59.7105, 68.8355, 79.0218**, and if you desaturate by 10%, it is **72.5971, 75.4376, 81.4859**.

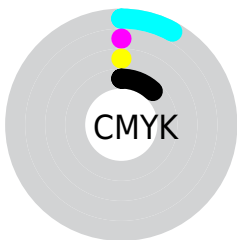
Distribution



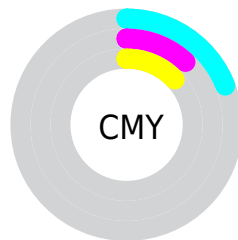
- Red (81%)
- Green (88%)
- Blue (87%)



- Red (81%)
- Yellow (85%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7071, 71.9044, 80.2278 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 65.7071, 71.9044, 80.2278 by changing the saturation by 10% instead.

■ 65.7071, 71.9044,
80.2278

■ 65.7071, 71.9044,
80.2278

434.8338,
467.2088, 515.4272

■ 48.3015, 53.0806,
59.3786

112.1259,
121.9206, 135.5003

■ 34.2780, 37.8671,
42.4959

141.8698,
153.8818, 170.7605

■ 23.2711, 25.8796,
29.1613

176.4572,
190.9909, 211.6616

■ 14.9156, 16.7336,
18.9563

216.2534,
233.6323, 258.6219

■ 8.8461, 10.0447,
11.4622

261.6238,
282.1904, 312.0601

■ 4.6972, 5.4286,
6.2606

312.9338,

■ 2.1037, 2.5009,

337.0495, 372.3947

2.9328

370.5487,
398.5942, 440.0442

■ 0.6912, 0.8771,
1.0604

■ 0.0000, 0.0000,
0.0000

■ 65.7071, 71.9044,
80.2278

■ 65.7071, 71.9044,
80.2278

■ 59.7105, 68.8355,
79.0218

■ 72.5971, 75.4376,
81.4859

■ 54.5638, 66.2027,
77.8613


■ 80.4094, 79.4442,
82.7929


■ 50.2295, 63.9884,
76.7461


■ 81.7576, 80.1182,
83.8047

■ 46.6644, 62.1706,
75.6741


■ 81.9408, 80.1915,
84.7693


 43.8216, 60.7250,
74.6431


 82.1253, 80.2653,
85.7412


 41.6491, 59.6247,
73.6507


 82.3113, 80.3397,
86.7206


 40.0876, 58.8393,
72.6940

 82.4987, 80.4147,
87.7075

 39.0679, 58.3330,
71.7698

 82.6875, 80.4902,
88.7017

 38.4955, 58.0572,
70.8737

 82.8778, 80.5663,
89.7034

Harmonies

Analogous

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



65.7290, 71.9044, 76.1505



65.7071, 71.9044, 80.2278



66.3845, 71.9044, 83.9080

Triad

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



65.7071, 71.9044, 80.2278



70.2769, 71.9044, 84.0926



69.1003, 71.9044, 70.9502

Complementary

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



65.7071, 71.9044, 80.2278



64.4411, 65.0290, 68.8334

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.



70.3396, 71.9044, 72.9317



65.7071, 71.9044, 80.2278



71.0253, 71.9044, 80.4726

Square

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



65.7071, 71.9044, 80.2278



69.0157, 71.9044, 86.1915



71.0484, 71.9044, 76.3869



67.6746, 71.9044, 70.8899

Rectangle

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



65.7071, 71.9044, 80.2278



67.1471, 71.9044, 85.6013



71.0484, 71.9044, 76.3869



69.5529, 71.9044, 71.4105

Sweetspot

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



65.7092, 71.9074, 80.2294



93.1501, 99.0262, 108.5583



63.9703, 71.2486, 69.4135



19.9579, 21.2059, 23.2396



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

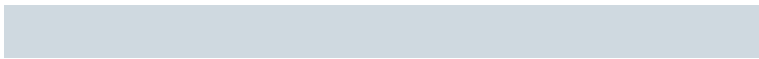
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7092, 71.9074, 80.2294



86.8876, 95.8172, 107.3838



63.9073, 68.0865, 80.2982



14.0798, 15.5577, 17.4555



22.3588, 33.7684, 41.2078



1.5606, 2.3449, 2.9130

Inverse Universe

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



64.4411, 65.0290, 68.8334



84.8765, 84.9077, 89.3094



66.1450, 68.6338, 68.7942



13.7399, 13.7136, 14.4003



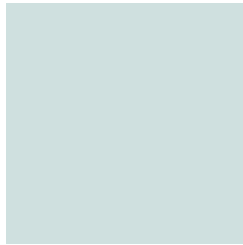
17.9501, 9.2470, 1.1370



1.2559, 0.6456, 0.1405

Previews

White Background



This preview shows how the XYZ color 65.7071, 71.9044, 80.2278 looks on a white background.

Color Contrast Check

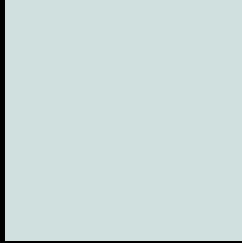
Large Text (above 18pt) WCAG AA × Fail

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 65.7071, 71.9044, 80.2278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

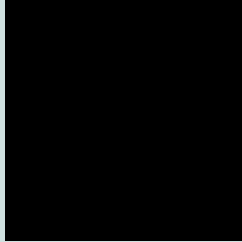
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

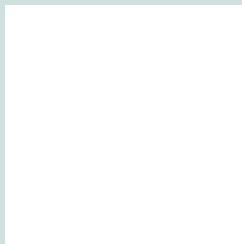
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7071, 71.9044, 80.2278

Background



This preview shows how black text looks on a background with the XYZ color 65.7071, 71.9044, 80.2278.

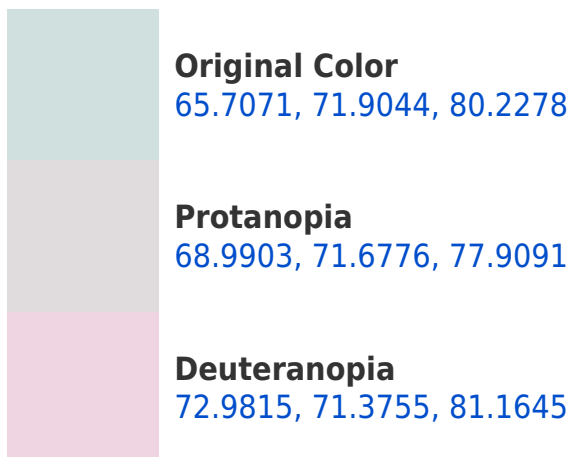


This preview shows how white text looks on a background with the XYZ color 65.7071, 71.9044,

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

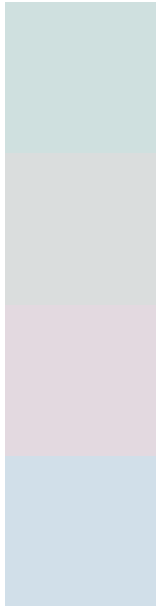




Tritanopia

68.2796, 72.1762, 91.9940

Trichromacy



Original Color

65.7071, 71.9044, 80.2278

Protanomaly

67.8210, 71.8388, 78.6983

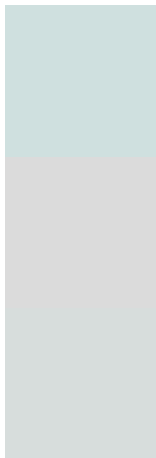
Deuteranomaly

69.9460, 71.3384, 80.6042

Tritanomaly

67.3902, 72.2139, 87.4776

Monochromacy



Original Color

65.7071, 71.9044, 80.2278

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.7991, 71.3273, 77.9570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7071, 71.9044, 80.2278 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(207, 224, 223) looks like.

```
.text, #text, p{  
    color:rgb(207, 224, 223)  
}
```

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(207, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 224, 223) }
```

Border

The CSS property to change the border of an element to XYZ 65.7071, 71.9044, 80.2278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

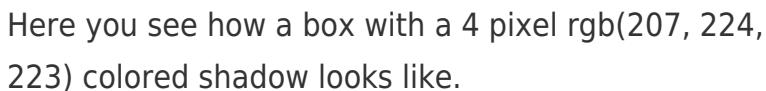
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 224, 223) }
```


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

```
.border{ border-color:rgb(207, 224, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 224, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 224, 223); box-shadow:4px 4px 4px 4px rgb(207, 224, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7071, 71.9044, 80.2278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 224, 223) }
```

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

```
.background{ background-color: rgb(207,  
224, 223) }
```

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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