

Converting Colors

XYZ(65.9874, 73.3142, 81.7404)

Have a look what the booklet for
XYZ(65.9874, 73.3142, 81.7404)
contains.

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Color

**XYZ(65.9615, 73.2118,
81.8889)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE3E1
RGB	204, 227, 225
RGB Percent	80%, 89%, 88%
CMY	0.2000, 0.1098, 0.1176
CMYK	0.10, 0.00, 0.01, 0.11
HSL	175°, 29%, 85%
HSV	175°, 10%, 89%
XYZ	65.9615, 73.2118, 81.8889
YIQ	219.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

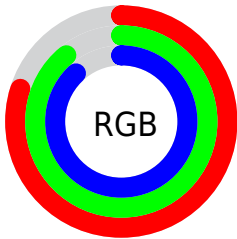
Format	Color
RYB	204, 216, 227
Decimal	13427681
CIELab	88.55, -7.96, -1.62
CIElCh	89, 8.127, 191.525
Yxy	73.2118, 0.2984, 0.3312
Android (android.graphics.Color)	4291617761 (0xFFCCE3E1)
YUV	219.8950, 2.5168, -13.9399
Hunter-Lab	85.5639, -12.1306, 3.1512

Details

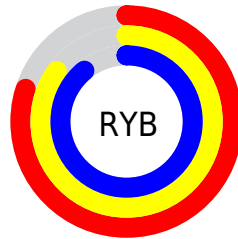
The XYZ color **65.9615, 73.2118, 81.8889** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4146, 63.9747, 67.3492**, and the grayscale version is **67.9455, 71.4840, 77.8461**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5859, 38.8914, 43.7141** is the 20% darker color. If you saturate the color by 10%, you get **59.9198, 70.1302, 80.2077**, and if you desaturate by 10%, it is **72.9173, 76.7683, 83.6322**.

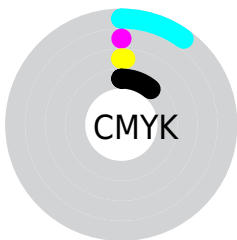
Distribution



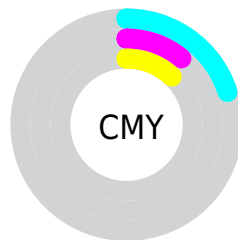
- Red (80%)
- Green (89%)
- Blue (88%)



- Red (80%)
- Yellow (85%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9615, 73.2118, 81.8889 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 65.9615, 73.2118, 81.8889 by changing the saturation by 10% instead.

■ 65.9615, 73.2118,
81.8889

■ 65.9615, 73.2118,
81.8889

435.7300,
471.7485, 521.1497

■ 48.5087, 54.1492,
60.7387

112.4891,
123.7778, 137.8535

■ 34.4429, 38.7209,
43.5851

142.2947,
156.0500, 173.5049

■ 23.3985, 26.5427,
30.0097

176.9485,
193.4942, 214.8272

■ 15.0104, 17.2301,
19.5938

216.8161,
236.4948, 262.2388

■ 8.9130, 10.3987,
11.9190

262.2626,
285.4361, 316.1583

■ 4.7411, 5.6641,
6.5667

313.6536,

■ 2.1294, 2.6419,

340.7025, 377.0043

3.1183

371.3542,
402.6786, 445.1952

■ 0.7051, 0.9478,
1.1554

■ 0.0000, 0.0000,
0.0000

■ 65.9615, 73.2118,
81.8889

■ 65.9615, 73.2118,
81.8889

■ 59.9198, 70.1302,
80.2077

■ 72.9173, 76.7683,
83.6322

■ 54.7469, 67.4941,
78.5819


■ 80.8178, 80.8094,
85.4346


■ 50.4030, 65.2850,
77.0111


■ 83.1248, 81.9667,
86.9916


■ 46.8427, 63.4795,
75.4931


■ 83.4056, 82.0790,
88.4703

 44.0163, 62.0520,
74.0255

 83.6896, 82.1926,
89.9656


 41.8682, 60.9738,
72.6057


 83.9767, 82.3074,
91.4777


 40.3352, 60.2123,
71.2307

 84.2670, 82.4236,
93.0065

 39.3417, 59.7287,
69.8969

 84.5605, 82.5410,
94.5521

 38.7616, 59.4574,
68.6151

 84.8573, 82.6597,
96.1147

Harmonies

Analogous

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



66.0756, 73.2118, 76.3470



65.9615, 73.2118, 81.8889



66.8049, 73.2118, 87.0790

Triad

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



65.9615, 73.2118, 81.8889



72.1115, 73.2118, 88.0630



70.7855, 73.2118, 69.9198

Complementary

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



65.9615, 73.2118, 81.8889



64.4146, 63.9747, 67.3492

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.



72.4424, 73.2118, 72.7787



65.9615, 73.2118, 81.8889



73.2178, 73.2118, 83.1810

Square

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



65.9615, 73.2118, 81.8889



70.3405, 73.2118, 90.7536



73.3401, 73.2118, 77.5803



68.8361, 73.2118, 69.6103

Rectangle

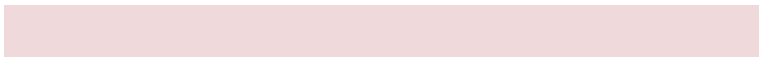
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9615, 73.2118, 81.8889



67.8060, 73.2118, 89.5736



73.3401, 73.2118, 77.5803



71.3961, 73.2118, 70.6080

Sweetspot

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



65.9636, 73.2149, 81.8905



92.1842, 98.5350, 108.2069



63.9073, 72.4657, 67.7468



19.5713, 21.0088, 23.1213



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.



65.9636, 73.2149, 81.8905



84.2484, 94.4808, 106.1702



63.7887, 68.4250, 82.5220



14.7505, 16.3136, 18.2167



22.6268, 34.6828, 40.1304



1.6880, 2.5693, 3.0498

Inverse Universe

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



64.4146, 63.9747, 67.3492



81.8774, 80.3362, 83.9112



66.4248, 68.3821, 66.8259



14.4277, 14.3883, 15.1867



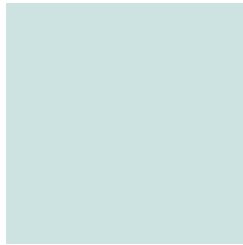
18.5652, 9.5603, 1.3395



1.3896, 0.7135, 0.1920

Previews

White Background



This preview shows how the XYZ color 65.9615, 73.2118, 81.8889 looks on a white background.

Color Contrast Check

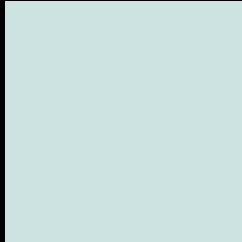
Large Text (above 18pt) WCAG AA × Fail

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 65.9615, 73.2118, 81.8889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

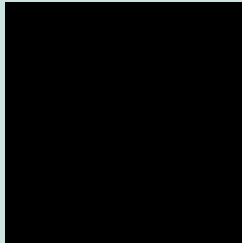
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

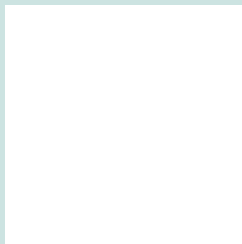
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9615, 73.2118, 81.8889

Background



This preview shows how black text looks on a background with the XYZ color 65.9615, 73.2118, 81.8889.

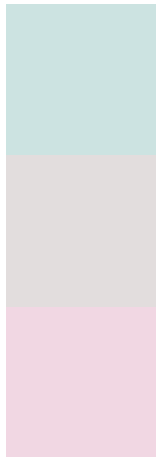


This preview shows how white text looks on a background with the XYZ color 65.9615, 73.2118,

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

65.9615, 73.2118, 81.8889

Protanopia

70.2716, 73.1021, 78.8130

Deuteranopia

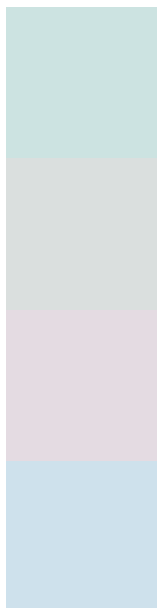
74.4412, 72.8477, 82.8106



Tritanopia

68.4148, 72.9875, 94.4866

Trichromacy



Original Color

65.9615, 73.2118, 81.8889

Protanomaly

68.4859, 72.9547, 79.5793

Deuteranomaly

71.0539, 72.6480, 82.2290

Tritanomaly

67.5191, 73.0284, 89.8941

Monochromacy



Original Color

65.9615, 73.2118, 81.8889

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3040, 72.3454, 79.5240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9615, 73.2118, 81.8889 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(204, 227, 225)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 227, 225) }
```

Border

The CSS property to change the border of an element to XYZ 65.9615, 73.2118, 81.8889 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(204, 227, 225) }
```


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

```
.border{ border-color:rgb(204, 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(204, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 227, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 227, 225);  
box-shadow:4px 4px 4px 4px rgb(204, 227,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9615, 73.2118, 81.8889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 227, 225) }
```

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

```
.background{ background-color: rgb(204,  
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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