

Converting Colors

XYZ(65.9553, 73.2613, 79.7588)

Have a look what the booklet for
XYZ(65.9553, 73.2613, 79.7588)
contains.

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Color

**XYZ(65.8307, 73.1912,
79.7649)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE3DE
RGB	205, 227, 222
RGB Percent	80%, 89%, 87%
CMY	0.1961, 0.1098, 0.1294
CMYK	0.10, 0.00, 0.02, 0.11
HSL	166°, 28%, 85%
HSV	166°, 10%, 89%
XYZ	65.8307, 73.1912, 79.7649
YIQ	219.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

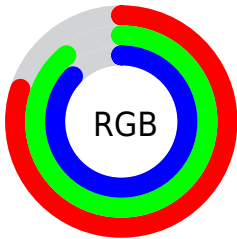
Format	Color
R _Y B	205, 217, 227
Decimal	13493214
CIE Lab	88.54, -8.21, -0.05
CIE LCh	89, 8.214, 180.379
Yxy	73.1912, 0.3009, 0.3345
Android (android.graphics.Color)	4291683294 (0xFFCDE3DE)
YUV	219.8520, 1.0590, -13.0252
Hunter-Lab	85.5519, -12.3630, 4.6068

Details

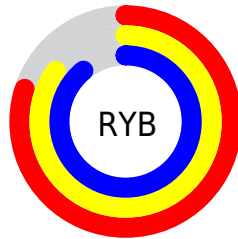
The XYZ color **65.8307, 73.1912, 79.7649** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1453, 64.6485, 70.0210**, and the grayscale version is **67.9246, 71.4620, 77.8221**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4901, 38.8744, 42.2449** is the 20% darker color. If you saturate the color by 10%, you get **59.3366, 69.9241, 75.9057**, and if you desaturate by 10%, it is **73.2587, 76.9413, 83.7814**.

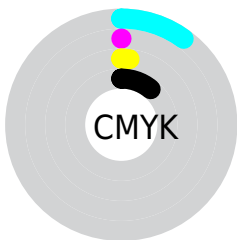
Distribution



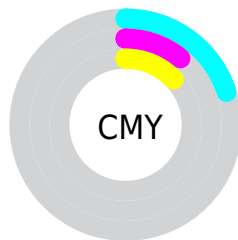
- Red (80%)
- Green (89%)
- Blue (87%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8307, 73.1912, 79.7649 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 65.8307, 73.1912, 79.7649 by changing the saturation by 10% instead.

■ 65.8307, 73.1912,
79.7649

■ 65.8307, 73.1912,
79.7649

435.2693,
471.6772, 513.8260

■ 48.4022, 54.1323,
58.9999

112.3024,
123.7486, 134.8436

■ 34.3581, 38.7075,
42.1930

142.0763,
156.0159, 169.9943

■ 23.3330, 26.5322,
28.9258

176.6960,
193.4548, 210.7773

■ 14.9616, 17.2222,
18.7796

216.5268,
236.4497, 257.6112

■ 8.8786, 10.3931,
11.3359

261.9343,
285.3850, 310.9145

■ 4.7186, 5.6603,
6.1762

313.2836,

■ 2.1161, 2.6397,

340.6451, 371.1057

2.8820

370.9402,
402.6144, 438.6033

■ 0.6980, 0.9466,
1.0347

■ 0.0000, 0.0000,
0.0000

■ 65.8307, 73.1912,
79.7649

■ 65.8307, 73.1912,
79.7649

■ 59.3366, 69.9241,
75.9057

■ 73.2587, 76.9413,
83.7814

■ 53.7310, 67.1106,
72.1962

■ 81.6510, 81.1841,
87.9531

■ 48.9740, 64.7322,
68.6350

■ 84.0678, 82.3439,
91.9577

■ 45.0202, 62.7654,
65.2190

■ 84.8352, 82.6508,
95.9985

■ 41.8199, 61.1848,
61.9449

■ 85.6244, 82.9665,
100.1547

■ 39.3177, 59.9617,
58.8091

■ 86.4358, 83.2910,
104.4272

■ 37.4505, 59.0636,
55.8075

■ 86.7604, 83.4209,
106.1368

■ 36.1433, 58.4519,
52.9356

■ 35.2706, 58.0620,
50.1864

Harmonies

Analogous

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



66.3110, 73.1912, 74.4280



65.8307, 73.1912, 79.7649



66.3354, 73.1912, 85.3307

Triad

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



65.8307, 73.1912, 79.7649



71.5078, 73.1912, 89.4666



71.4634, 73.1912, 70.5915

Complementary

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



65.8307, 73.1912, 79.7649



65.1453, 64.6485, 70.0210

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.



72.8999, 73.1912, 74.3088



65.8307, 73.1912, 79.7649



72.9259, 73.1912, 85.2001

Square

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



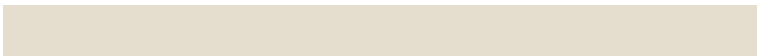
65.8307, 73.1912, 79.7649



69.5912, 73.1912, 91.0920



73.4401, 73.1912, 79.6207



69.5409, 73.1912, 69.2866

Rectangle

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



65.8307, 73.1912, 79.7649



67.1681, 73.1912, 88.3833



73.4401, 73.1912, 79.6207



72.0204, 73.1912, 71.5914

Sweetspot

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



65.8328, 73.1943, 79.7665



92.0125, 98.4663, 107.3025



65.1071, 73.0703, 68.4311



19.5248, 20.9902, 22.8764



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.



65.8328, 73.1943, 79.7665



83.5744, 94.2112, 102.6207



64.9359, 70.3112, 82.8256



14.6599, 16.2774, 17.7395



20.6010, 33.8725, 29.4630



1.5568, 2.5168, 2.3584

Inverse Universe

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



65.1453, 64.6485, 70.0210



82.4778, 80.5764, 87.0726



65.9616, 67.2631, 67.2652



14.5106, 14.4214, 15.6230



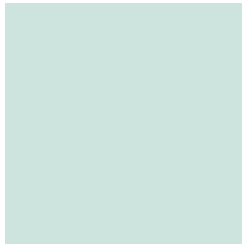
18.8682, 9.6815, 2.9347



1.4292, 0.7294, 0.4005

Previews

White Background



This preview shows how the XYZ color 65.8307, 73.1912, 79.7649 looks on a white background.

Color Contrast Check

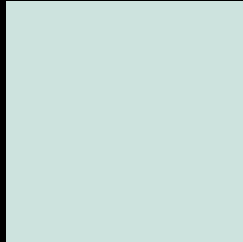
Large Text (above 18pt) WCAG AA × Fail

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 65.8307, 73.1912, 79.7649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

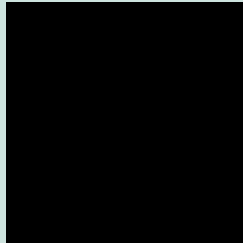
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

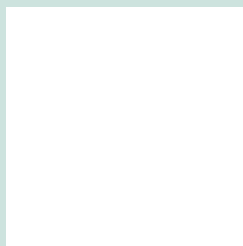
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8307, 73.1912, 79.7649

Background



This preview shows how black text looks on a background with the XYZ color 65.8307, 73.1912, 79.7649.



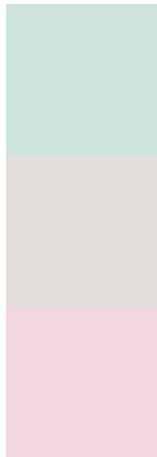
This preview shows how white text looks on a background with the XYZ color 65.8307, 73.1912,

79.7649.

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

65.8307, 73.1912, 79.7649

Protanopia

70.3212, 73.1583, 77.4325

Deuteranopia

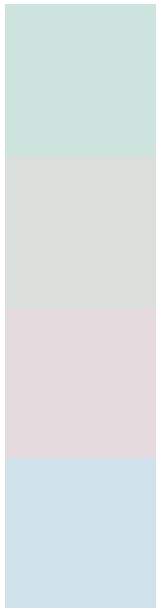
74.3729, 72.8599, 80.6645



Tritanopia

68.6951, 73.1320, 94.4997

Trichromacy



Original Color

65.8307, 73.1912, 79.7649

Protanomaly

68.5194, 73.0027, 78.1897

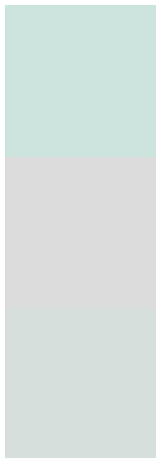
Deuteranomaly

70.9639, 72.6488, 80.0945

Tritanomaly

67.6527, 73.1140, 89.1440

Monochromacy



Original Color

65.8307, 73.1912, 79.7649

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.4632, 72.4429, 78.8338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8307, 73.1912, 79.7649 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(205, 227, 222)` looks like.

```
.text, #text, p{  
    color:rgb(205, 227, 222)  
}
```

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(205, 227, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 227, 222) }
```

Border

The CSS property to change the border of an element to XYZ 65.8307, 73.1912, 79.7649 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(205, 227, 222) }
```


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

```
.border{ border-color:rgb(205, 227, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 227, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 227, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 227, 222);  
box-shadow:4px 4px 4px 4px rgb(205, 227,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8307, 73.1912, 79.7649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 227, 222) }
```

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

```
.background{ background-color: rgb(205,  
227, 222) }
```

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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