

Converting Colors

XYZ(65.8321, 72.3051, 79.6506)

Have a look what the booklet for
XYZ(65.8321, 72.3051, 79.6506)
contains.

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Color

**XYZ(65.8422, 72.3898,
79.6096)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE1DE
RGB	207, 225, 222
RGB Percent	81%, 88%, 87%
CMY	0.1882, 0.1176, 0.1294
CMYK	0.08, 0.00, 0.01, 0.12
HSL	170°, 23%, 85%
HSV	170°, 8%, 88%
XYZ	65.8422, 72.3898, 79.6096
YIQ	219.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

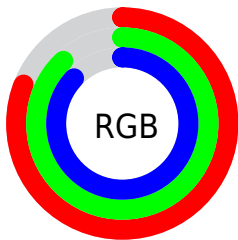
Format	Color
R_{YB}	207, 217, 225
Decimal	13623774
CIE _{Lab}	88.16, -6.54, -0.60
CIE _{LCh}	88, 6.565, 185.222
Y _{xy}	72.3898, 0.3022, 0.3323
Android (android.graphics.Color)	4291813854 (0xFFCFE1DE)
YUV	219.2760, 1.3429, -10.7661
Hunter-Lab	85.0822, -10.7588, 4.0811

Details

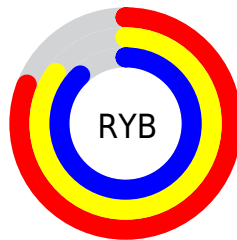
The XYZ color **65.8422, 72.3898, 79.6096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9997, 65.2883, 70.1523**, and the grayscale version is **67.5211, 71.0375, 77.3598**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4866, 38.3118, 42.1365** is the 20% darker color. If you saturate the color by 10%, you get **59.5014, 69.1805, 76.7169**, and if you desaturate by 10%, it is **73.0941, 76.0715, 82.6064**.

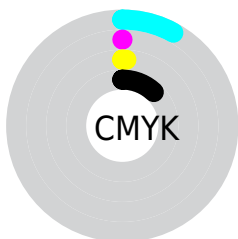
Distribution



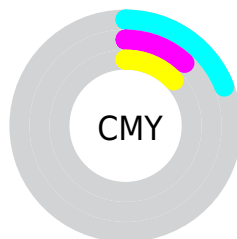
- Red (81%)
- Green (88%)
- Blue (87%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8422, 72.3898, 79.6096 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 65.8422, 72.3898, 79.6096 by changing the saturation by 10% instead.

65.8422, 72.3898,
79.6096

65.8422, 72.3898,
79.6096

435.3099,
468.8972, 513.2882

48.4115, 53.4772,
58.8729

112.3188,
122.6106, 134.6231

34.3655, 38.1838,
42.0915

142.0955,
154.6875, 169.7370

23.3388, 26.1254,
28.8468

176.7182,
191.9213, 210.4804

14.9659, 16.9175,
18.7204

216.5523,
234.6963, 257.2718

8.8816, 10.1757,
11.2936

261.9632,
283.3971, 310.5297

4.7205, 5.5156,
6.1481

313.3161,

2.1173, 2.5528,

338.4079, 370.6727

2.8651

370.9766,
400.1131, 438.1194

■ 0.6986, 0.9030,
1.0262

■ 0.0000, 0.0000,
0.0000

■ 65.8422, 72.3898,
79.6096

■ 65.8422, 72.3898,
79.6096

■ 59.5014, 69.1805,
76.7169

■ 73.0941, 76.0715,
82.6064

■ 54.0278, 66.4150,
73.9214

■ 81.2866, 80.2348,
85.7047

■ 49.3831, 64.0754,
71.2224

■ 82.9122, 81.0114,
88.5548

■ 45.5235, 62.1394,
68.6175

■ 83.4551, 81.2286,
91.4138

■ 42.4013, 60.5822,
66.1040

■ 84.0095, 81.4504,
94.3333

■ 39.9635, 59.3766,
63.6792

■ 84.5755, 81.6767,
97.3137

■ 38.1499, 58.4916,
61.3398

■ 85.1531, 81.9078,
100.3552

■ 36.8897, 57.8907,
59.0820

■ 85.7424, 82.1435,
103.4583

■ 36.0834, 57.5224,
56.9009

■ 86.2166, 82.3332,
105.9555

Harmonies

Analogous

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



66.1002, 72.3898, 75.2528



65.8422, 72.3898, 79.6096



66.3680, 72.3898, 83.9115

Triad

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



65.8422, 72.3898, 79.6096



70.5598, 72.3898, 86.0946



70.0770, 72.3898, 71.2296

Complementary

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



65.8422, 72.3898, 79.6096



64.9997, 65.2883, 70.1523

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.



71.2995, 72.3898, 73.9391



65.8422, 72.3898, 79.6096



71.5812, 72.3898, 82.4986

Square

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



65.8422, 72.3898, 79.6096



69.0794, 72.3898, 87.7454



71.8540, 72.3898, 78.0360



68.5300, 72.3898, 70.5217

Rectangle

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



65.8422, 72.3898, 79.6096



67.0971, 72.3898, 86.1354



71.8540, 72.3898, 78.0360



70.5403, 72.3898, 71.9313

Sweetspot

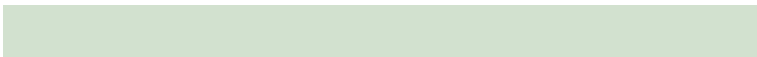
The Sweet Spot groups the original color and five complimentary colors.



65.8443, 72.3929, 79.6112



93.0618, 98.9908, 108.0935



64.8538, 72.1043, 69.5320



19.9399, 21.1987, 23.1450



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.



65.8443, 72.3929, 79.6112



85.6054, 95.2094, 104.9222



64.7349, 69.5240, 81.2454



14.0132, 15.5310, 17.1049



20.7503, 33.1250, 32.7379



1.4647, 2.3066, 2.4084

Inverse Universe

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



64.9997, 65.2883, 70.1523



84.2139, 83.5021, 89.3359



66.0352, 67.9526, 68.6684



13.8001, 13.7377, 14.7173



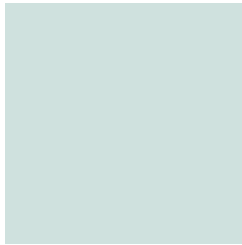
18.1194, 9.3147, 2.0284



1.2845, 0.6571, 0.2912

Previews

White Background



This preview shows how the XYZ color 65.8422, 72.3898, 79.6096 looks on a white background.

Color Contrast Check

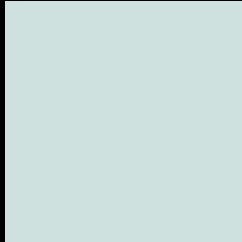
Large Text (above 18pt) WCAG AA × Fail

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 65.8422, 72.3898, 79.6096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

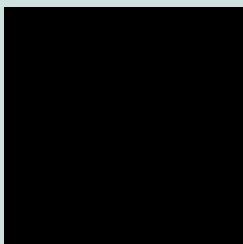
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

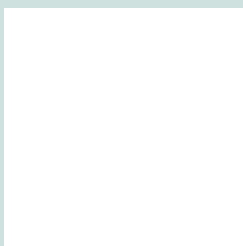
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8422, 72.3898, 79.6096

Background



This preview shows how black text looks on a background with the XYZ color 65.8422, 72.3898, 79.6096.



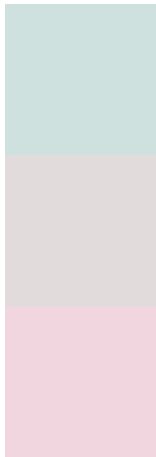
This preview shows how white text looks on a background with the XYZ color 65.8422, 72.3898,

79.6096.

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

65.8422, 72.3898, 79.6096

Protanopia

69.4307, 72.3084, 77.3154

Deuteranopia

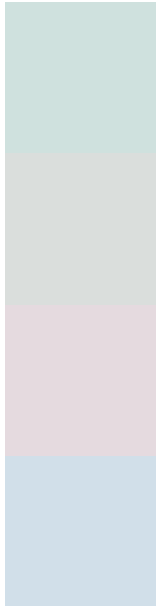
73.7767, 72.1757, 80.5639



Tritanopia

68.4278, 72.2355, 92.7744

Trichromacy



Original Color

65.8422, 72.3898, 79.6096

Protanomaly

67.9530, 72.3153, 78.0869

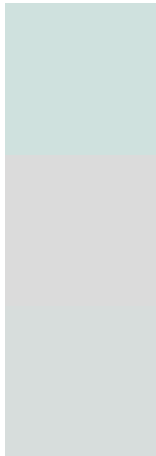
Deuteranomaly

70.7038, 72.1285, 80.0077

Tritanomaly

67.3902, 72.2139, 87.4776

Monochromacy



Original Color

65.8422, 72.3898, 79.6096

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 65.8422, 72.3898, 79.6096 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, 225, 222) looks like.

```
.text, #text, p{  
    color:rgb(207, 225, 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(207, 225, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 225, 222) }
```

Border

The CSS property to change the border of an element to XYZ 65.8422, 72.3898, 79.6096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

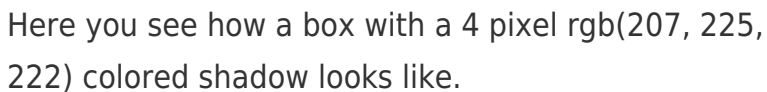
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 225, 222) }
```


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

```
.border{ border-color:rgb(207, 225, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 225, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 225, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 225, 222); box-shadow:4px 4px 4px 4px rgb(207, 225, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8422, 72.3898, 79.6096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 225, 222) }
```

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

```
.background{ background-color: rgb(207,  
225, 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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