

Converting Colors

XYZ(66.0763, 72.9730, 79.9092)

Have a look what the booklet for
XYZ(66.0763, 72.9730, 79.9092)
contains.

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Color

**XYZ(66.1133, 72.9320,
79.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE2DE
RGB	207, 226, 222
RGB Percent	81%, 89%, 87%
CMY	0.1882, 0.1137, 0.1294
CMYK	0.08, 0.00, 0.02, 0.11
HSL	167°, 25%, 85%
HSV	167°, 8%, 89%
XYZ	66.1133, 72.9320, 79.7000
YIQ	219.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

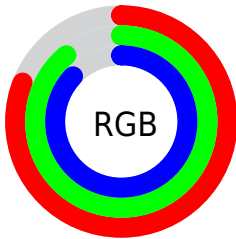
Format	Color
R _Y B	207, 218, 226
Decimal	13624030
CIE Lab	88.42, -7.05, -0.22
CIE LCh	88, 7.052, 181.775
Yxy	72.9320, 0.3022, 0.3334
Android (android.graphics.Color)	4291814110 (0xFFCFE2DE)
YUV	219.8630, 1.0535, -11.2809
Hunter-Lab	85.4002, -11.2632, 4.4476

Details

The XYZ color **66.1133, 72.9320, 79.7000** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4374, 65.4995, 70.8251**, and the grayscale version is **67.9316, 71.4693, 77.8301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6748, 38.6881, 42.1992** is the 20% darker color. If you saturate the color by 10%, you get **59.6168, 69.6577, 76.1129**, and if you desaturate by 10%, it is **73.5357, 76.6856, 83.4276**.

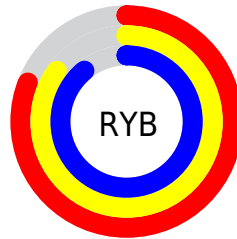
Distribution



Red (81%)

Green (89%)

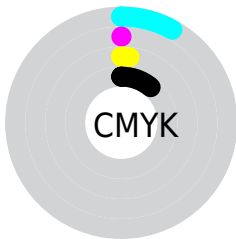
Blue (87%)



Red (81%)

Yellow (85%)

Blue (89%)

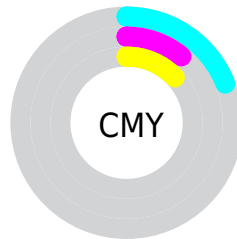


Cyan (8%)

Magenta (0%)

Yellow (2%)

Black (11%)



Cyan (19%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1133, 72.9320, 79.7000 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 66.1133, 72.9320, 79.7000 by changing the saturation by 10% instead.

■ 66.1133, 72.9320,
79.7000

■ 66.1133, 72.9320,
79.7000

436.2642,
470.7791, 513.6013

■ 48.6324, 53.9204,
58.9468

112.7058,
123.3807, 134.7515

■ 34.5413, 38.5380,
42.1506

142.5481,
155.5865, 169.8868

■ 23.4746, 26.4005,
28.8928

177.2415,
192.9592, 210.6532

■ 15.0670, 17.1235,
18.7548

217.1516,
235.8831, 257.4694

■ 8.9530, 10.3226,
11.3182

262.6435,
284.7426, 310.7537

■ 4.7674, 5.6134,
6.1645

314.0827,

■ 2.1448, 2.6114,

339.9222, 370.9248

2.8749

371.8345,
401.8063, 438.4011

■ 0.7134, 0.9324,
1.0311

■ 0.0000, 0.0000,
0.0000

■ 66.1133, 72.9320,
79.7000

■ 66.1133, 72.9320,
79.7000

■ 59.6168, 69.6577,
76.1129

■ 73.5357, 76.6856,
83.4276

■ 54.0018, 66.8336,
72.6588

■ 81.9140, 80.9279,
87.2932

■ 49.2292, 64.4418,
69.3367

■ 83.6195, 81.7281,
90.9421

■ 45.2545, 62.4594,
66.1437

■ 84.3218, 82.0091,
94.6405

■ 42.0294, 60.8613,
63.0768

■ 85.0427, 82.2974,
98.4367

■ 39.4998, 59.6198,
60.1326

■ 85.7824, 82.5933,
102.3316

■ 37.6045, 58.7033,
57.3074

■ 86.4877, 82.8754,
106.0459

■ 36.2713, 58.0746,
54.5970

■ 35.3947, 57.6794,
51.9957

Harmonies

Analogous

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



66.4879, 72.9320, 75.0781



66.1133, 72.9320, 79.7000



66.5861, 72.9320, 84.4271

Triad

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



66.1133, 72.9320, 79.7000



71.0499, 72.9320, 87.6116



70.8723, 72.9320, 71.4681

Complementary

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



66.1133, 72.9320, 79.7000



65.4374, 65.4995, 70.8251

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.



72.1270, 72.9320, 74.5968



66.1133, 72.9320, 79.7000



72.2307, 72.9320, 83.9065

Square

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



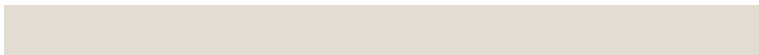
66.1133, 72.9320, 79.7000



69.4207, 72.9320, 89.1087



72.6281, 72.9320, 79.1218



69.2188, 72.9320, 70.4429

Rectangle

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



66.1133, 72.9320, 79.7000



67.3229, 72.9320, 86.9701



72.6281, 72.9320, 79.1218



71.3556, 72.9320, 72.3022

Sweetspot

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



66.1154, 72.9351, 79.7016



92.0329, 98.4745, 107.4101



65.3585, 72.7670, 69.6333



19.5303, 20.9924, 22.9055



0.0000, 0.0000, 0.0000



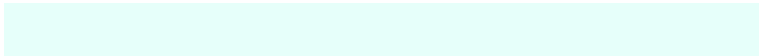
20.3446, 21.4041, 23.3091

Same Dimension

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



66.1154, 72.9351, 79.7016



85.4299, 95.1392, 103.9980



65.2172, 70.2698, 82.0812



13.9864, 15.5203, 16.9637



20.1672, 32.8917, 29.6672



1.4292, 2.2924, 2.2215

Inverse Universe

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



65.4374, 65.4995, 70.8251



84.3748, 83.5665, 90.1833



66.2684, 67.9548, 68.6565



13.8248, 13.7475, 14.8475



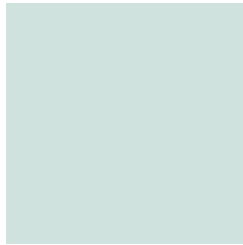
18.2282, 9.3583, 2.6014



1.2962, 0.6617, 0.3525

Previews

White Background



This preview shows how the XYZ color 66.1133, 72.9320, 79.7000 looks on a white background.

Color Contrast Check

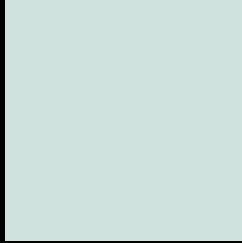
Large Text (above 18pt) WCAG AA × Fail

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 66.1133, 72.9320, 79.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

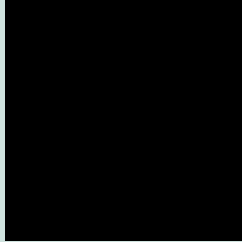
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

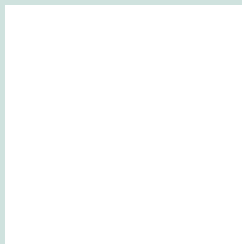
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1133, 72.9320, 79.7000

Background



This preview shows how black text looks on a background with the XYZ color 66.1133, 72.9320, 79.7000.



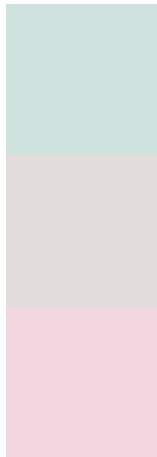
This preview shows how white text looks on a background with the XYZ color 66.1133, 72.9320,

79.7000.

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

66.1133, 72.9320, 79.7000

Protanopia

70.0067, 72.9961, 77.4177

Deuteranopia

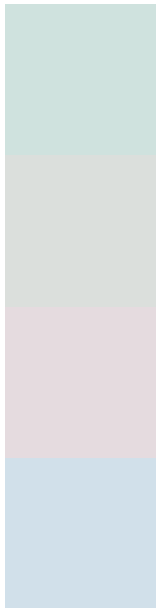
74.3729, 72.8599, 80.6645



Tritanopia

68.8432, 72.8279, 93.6478

Trichromacy



Original Color

66.1133, 72.9320, 79.7000

Protanomaly

68.5194, 73.0027, 78.1897

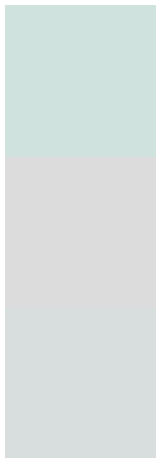
Deuteranomaly

70.9639, 72.6488, 80.0945

Tritanomaly

67.8014, 72.8071, 88.3216

Monochromacy



Original Color

66.1133, 72.9320, 79.7000

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.1968, 71.9101, 78.7450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1133, 72.9320, 79.7000 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, 226, 222)` looks like.

```
.text, #text, p{  
    color:rgb(207, 226, 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, 226, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 226, 222) }
```

Border

The CSS property to change the border of an element to XYZ 66.1133, 72.9320, 79.7000 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, 226, 222) }
```


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

```
.border{ border-color:rgb(207, 226, 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, 226, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 226, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 226, 222);  
box-shadow:4px 4px 4px 4px rgb(207, 226,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1133, 72.9320, 79.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 226, 222) }
```

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

```
.background{ background-color: rgb(207,  
226, 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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