

Converting Colors

XYZ(65.7390, 73.5018, 77.1036)

Have a look what the booklet for
XYZ(65.7390, 73.5018, 77.1036)
contains.

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Color

**XYZ(65.8519, 73.6706,
77.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE4DA
RGB	206, 228, 218
RGB Percent	81%, 89%, 85%
CMY	0.1922, 0.1059, 0.1451
CMYK	0.10, 0.00, 0.04, 0.11
HSL	153°, 29%, 85%
HSV	153°, 10%, 89%
XYZ	65.8519, 73.6706, 77.0787
YIQ	220.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

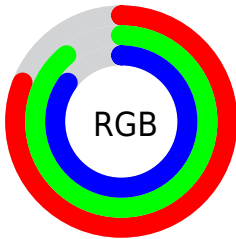
Format	Color
R _{YB}	206, 220, 228
Decimal	13559002
CIE Lab	88.77, -9.15, 2.39
CIE LCh	89, 9.454, 165.385
Yxy	73.6706, 0.3040, 0.3401
Android (android.graphics.Color)	4291749082 (0xFFCEE4DA)
YUV	220.2820, -1.1250, -12.5253
Hunter-Lab	85.8316, -13.2561, 6.8383

Details

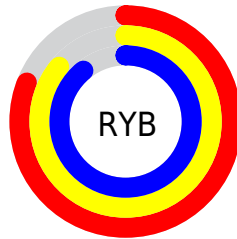
The XYZ color **65.8519, 73.6706, 77.0787** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4636, 65.5964, 74.1276**, and the grayscale version is **68.2387, 71.7925, 78.1820**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5033, 39.2069, 40.3995** is the 20% darker color. If you saturate the color by 10%, you get **58.6615, 70.1177, 69.8820**, and if you desaturate by 10%, it is **74.0495, 77.7370, 84.7685**.

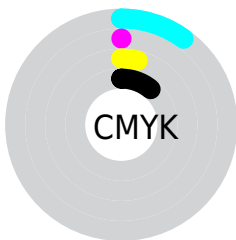
Distribution



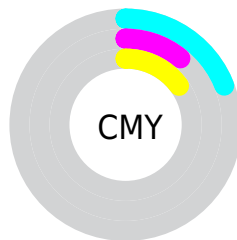
- Red (81%)
- Green (89%)
- Blue (85%)



- Red (81%)
- Yellow (86%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8519, 73.6706, 77.0787 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 65.8519, 73.6706, 77.0787 by changing the saturation by 10% instead.

65.8519, 73.6706,
77.0787

65.8519, 73.6706,
77.0787

435.3440,
473.3357, 504.4771

48.4194, 54.5245,
56.8055

112.3327,
124.4287, 131.0246

34.3718, 39.0211,
40.4408

142.1117,
156.8096, 165.5344

23.3436, 26.7762,
27.5660

176.7369,
194.3707, 205.6268

14.9695, 17.4052,
17.7626

216.5737,
237.4967, 251.7204

8.8842, 10.5238,
10.6120

261.9875,
286.5717, 304.2337

4.7222, 5.7476,
5.6957

313.3436,

2.1183, 2.6922,

341.9803, 363.5852

2.5952

371.0073,
404.1069, 430.1935

■ 0.6991, 0.9732,
0.8900

■ 0.0000, 0.0000,
0.0000

■ 65.8519, 73.6706,
77.0787

■ 65.8519, 73.6706,
77.0787

■ 58.6615, 70.1177,
69.8820

■ 74.0495, 77.7370,
84.7685

■ 52.4312, 67.0482,
63.1637

■ 83.2866, 82.3272,
92.9561

■ 47.1193, 64.4426,
56.9150

■ 86.0992, 83.5954,
101.3014

■ 42.6785, 62.2768,
51.1251

■ 87.0348, 83.9696,
106.2283

■ 39.0571, 60.5244,
45.7830

■ 36.1975, 59.1558,
40.8769

■ 34.0344, 58.1377,
36.3942

■ 32.4904, 57.4303,
32.3218

■ 31.4378, 56.9680,
28.6435

Harmonies

Analogous

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



66.9376, 73.6706, 71.6902



65.8519, 73.6706, 77.0787



65.8666, 73.6706, 83.6029

Triad

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



65.8519, 73.6706, 77.0787



71.1949, 73.6706, 92.9812



73.1560, 73.6706, 71.5791

Complementary

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



65.8519, 73.6706, 77.0787



66.4636, 65.5964, 74.1276

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.



74.3480, 73.6706, 76.9194



65.8519, 73.6706, 77.0787



73.1991, 73.6706, 89.3896

Square

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



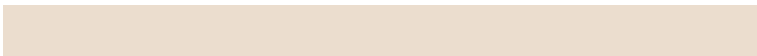
65.8519, 73.6706, 77.0787



68.9179, 73.6706, 93.0296



74.3639, 73.6706, 83.4347



71.1372, 73.6706, 68.6344

Rectangle

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



65.8519, 73.6706, 77.0787



66.4972, 73.6706, 87.7313



74.3639, 73.6706, 83.4347



73.6686, 73.6706, 73.1403

Sweetspot

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



65.8540, 73.6737, 77.0803



91.7363, 98.3559, 105.8484



67.2843, 74.5860, 69.2439



19.4502, 20.9604, 22.4835



0.0000, 0.0000, 0.0000



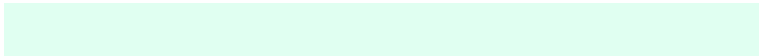
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8540, 73.6737, 77.0803



82.5150, 93.7874, 97.0419



67.0018, 73.8107, 84.1180



14.5165, 16.2200, 16.9846



18.1940, 32.9097, 16.7877



1.3912, 2.4506, 1.4866

Inverse Universe

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



66.4636, 65.5964, 74.1276



83.4818, 80.9780, 92.3597



65.3860, 65.4485, 67.5802



14.6481, 14.4764, 16.3472



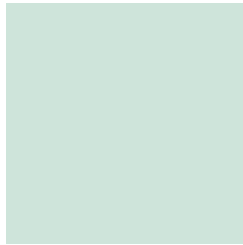
19.9660, 10.1206, 8.7157



1.5218, 0.7664, 0.8882

Previews

White Background



This preview shows how the XYZ color 65.8519, 73.6706, 77.0787 looks on a white background.

Color Contrast Check

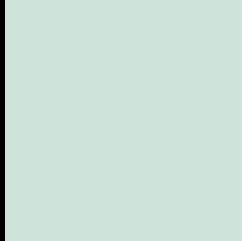
Large Text (above 18pt) WCAG AA × Fail

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 65.8519, 73.6706, 77.0787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

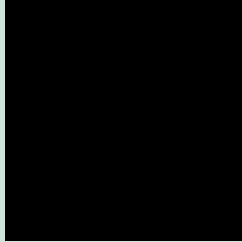
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

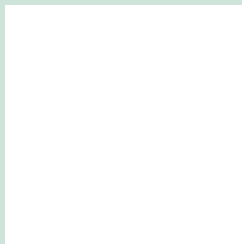
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8519, 73.6706, 77.0787

Background



This preview shows how black text looks on a background with the XYZ color 65.8519, 73.6706, 77.0787.

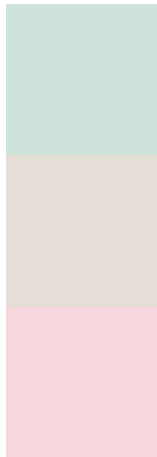


This preview shows how white text looks on a background with the XYZ color 65.8519, 73.6706,

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

65.8519, 73.6706, 77.0787

Protanopia

70.2538, 73.5916, 74.1202

Deuteranopia

75.0078, 73.2338, 78.5888



Tritanopia

69.2610, 73.4238, 94.5262

Trichromacy



Original Color

65.8519, 73.6706, 77.0787

Protanomaly

68.4366, 73.4332, 74.8570

Deuteranomaly

71.4665, 73.3426, 78.1000

Tritanomaly

67.9277, 73.2889, 87.6568

Monochromacy



Original Color

65.8519, 73.6706, 77.0787

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.1982, 72.3369, 77.4385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8519, 73.6706, 77.0787 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(206, 228, 218)` looks like.

```
.text, #text, p{  
    color:rgb(206, 228, 218)  
}
```

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(206, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 228, 218) }
```

Border

The CSS property to change the border of an element to XYZ 65.8519, 73.6706, 77.0787 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(206, 228, 218) }
```


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

```
.border{ border-color:rgb(206, 228, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 228, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(206, 228,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8519, 73.6706, 77.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 228, 218) }
```

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

```
.background{ background-color: rgb(206,  
228, 218) }
```

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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