

Converting Colors

XYZ(66.7540, 73.5865, 77.4522)

Have a look what the booklet for
XYZ(66.7540, 73.5865, 77.4522)
contains.

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Color

**XYZ(66.8336, 73.7543,
77.7313)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E3DB
RGB	210, 227, 219
RGB Percent	82%, 89%, 86%
CMY	0.1765, 0.1098, 0.1412
CMYK	0.07, 0.00, 0.04, 0.11
HSL	152°, 23%, 86%
HSV	152°, 7%, 89%
XYZ	66.8336, 73.7543, 77.7313
YIQ	221.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

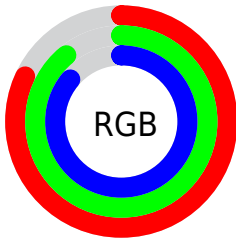
Format	Color
R_{YB}	210, 221, 227
Decimal	13820891
CIE Lab	88.81, -7.13, 1.95
CIE LCh	89, 7.394, 164.691
Yxy	73.7543, 0.3061, 0.3378
Android (android.graphics.Color)	4292010971 (0xFFD2E3DB)
YUV	221.0050, -0.9885, -9.6514
Hunter-Lab	85.8803, -11.3787, 6.4521

Details

The XYZ color **66.8336, 73.7543, 77.7313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3827, 67.4879, 75.8082**, and the grayscale version is **68.7430, 72.3230, 78.7598**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9709, 39.1539, 40.8363** is the 20% darker color. If you saturate the color by 10%, you get **59.4619, 70.1135, 70.2781**, and if you desaturate by 10%, it is **75.2165, 77.9101, 85.7063**.

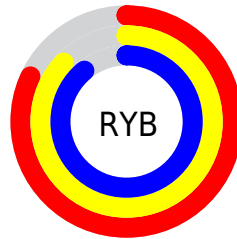
Distribution



Red (82%)

Green (89%)

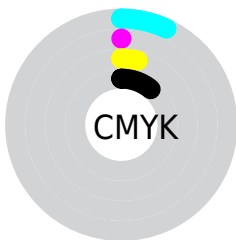
Blue (86%)



Red (82%)

Yellow (87%)

Blue (89%)

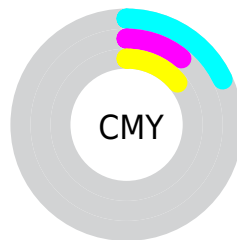


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (18%)

Magenta (11%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8336, 73.7543, 77.7313 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 66.8336, 73.7543, 77.7313 by changing the saturation by 10% instead.

■ 66.8336, 73.7543,
77.7313

■ 66.8336, 73.7543,
77.7313

438.7940,
473.6249, 506.7575

■ 49.2196, 54.5930,
57.3381

113.7331,
124.5474, 131.9537

■ 35.0090, 39.0759,
40.8656

143.7492,
156.9481, 166.6200

■ 23.8363, 26.8188,
27.8952

178.6302,
194.5305, 206.8811

■ 15.3363, 17.4372,
18.0083

218.7413,
237.6793, 253.1556

■ 9.1436, 10.5467,
10.7864

264.4478,
286.7787, 305.8619

■ 4.8928, 5.7629,
5.8111

316.1153,

■ 2.2186, 2.7015,

342.2132, 365.4186

2.6636

374.1089,
404.3671, 432.2443

■ 0.7525, 0.9779,
0.9250

■ 0.0000, 0.0000,
0.0000

■ 66.8336, 73.7543,
77.7313

■ 66.8336, 73.7543,
77.7313

■ 59.4619, 70.1135,
70.2781

■ 75.2165, 77.9101,
85.7063

■ 53.0551, 66.9578,
63.3313

■ 84.4940, 82.5144,
94.2015

■ 47.5726, 64.2685,
56.8813

■ 86.1321, 83.1696,
102.8275

■ 42.9680, 62.0220,
50.9167

■ 86.7605, 83.4210,
106.1368

■ 39.1911, 60.1926,
45.4256

■ 36.1863, 58.7518,
40.3953

■ 33.8905, 57.6673,
35.8128

■ 32.2300, 56.9014,
31.6638

■ 31.1067, 56.4037,
27.9325

Harmonies

Analogous

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



67.7084, 73.7543, 73.5000



66.8336, 73.7543, 77.7313



66.8243, 73.7543, 82.8318

Triad

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



66.8336, 73.7543, 77.7313



70.9778, 73.7543, 90.2234



72.5767, 73.7543, 73.5710

Complementary

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



66.8336, 73.7543, 77.7313



67.3827, 67.4879, 75.8082

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.



73.4836, 73.7543, 77.8319



66.8336, 73.7543, 77.7313



72.5499, 73.7543, 87.5194

Square

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



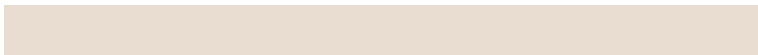
66.8336, 73.7543, 77.7313



69.1964, 73.7543, 90.1936



73.4737, 73.7543, 82.9367



71.0139, 73.7543, 71.1686

Rectangle

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



66.8336, 73.7543, 77.7313



67.3091, 73.7543, 86.0479



73.4737, 73.7543, 82.9367



72.9696, 73.7543, 74.8252

Sweetspot

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



66.8357, 73.7574, 77.7329



92.8144, 98.8919, 106.7905



68.0828, 74.5336, 71.7718



19.8895, 21.1785, 22.8798



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.



66.8357, 73.7574, 77.7329



85.4141, 95.2278, 99.6242



67.8377, 74.0343, 83.3914



14.5065, 16.2160, 16.9321



18.0621, 32.8569, 16.0931



1.3816, 2.4468, 1.4360

Inverse Universe

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



67.3827, 67.4879, 75.8082



86.2661, 85.4635, 96.6267



66.4302, 67.2190, 70.4471



14.6580, 14.4804, 16.3992



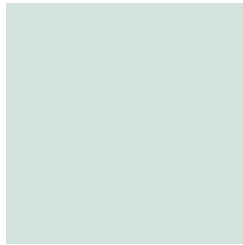
20.0761, 10.1646, 9.2954



1.5302, 0.7698, 0.9324

Previews

White Background



This preview shows how the XYZ color 66.8336, 73.7543, 77.7313 looks on a white background.

Color Contrast Check

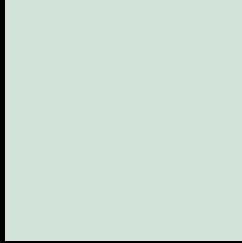
Large Text (above 18pt) WCAG AA × Fail

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 66.8336, 73.7543, 77.7313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

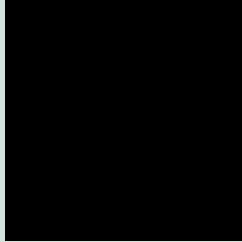
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

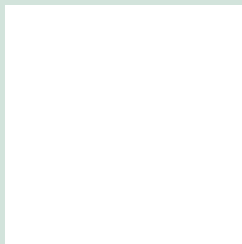
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8336, 73.7543, 77.7313

Background



This preview shows how black text looks on a background with the XYZ color 66.8336, 73.7543, 77.7313.

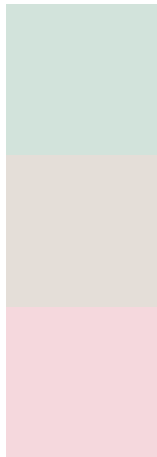


This preview shows how white text looks on a background with the XYZ color 66.8336, 73.7543,

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

66.8336, 73.7543, 77.7313

Protanopia

70.5109, 73.6944, 75.4739

Deuteranopia

75.2632, 73.7447, 78.6740



Tritanopia

70.2644, 73.9583, 93.7911

Trichromacy



Original Color

66.8336, 73.7543, 77.7313

Protanomaly

68.9988, 73.6932, 76.2332

Deuteranomaly

71.7902, 73.5095, 78.1152

Tritanomaly

69.0738, 73.8798, 87.7104

Monochromacy



Original Color

66.8336, 73.7543, 77.7313

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.9212, 72.6944, 78.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8336, 73.7543, 77.7313 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(210, 227, 219) looks like.

```
.text, #text, p{  
    color:rgb(210, 227, 219)  
}
```

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(210, 227, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 227, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.8336, 73.7543, 77.7313 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(210, 227, 219) }
```


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

```
.border{ border-color:rgb(210, 227, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 227, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 227, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 227, 219);  
box-shadow:4px 4px 4px 4px rgb(210, 227,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8336, 73.7543, 77.7313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 227, 219) }
```

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

```
.background{ background-color: rgb(210,  
227, 219) }
```

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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