

Converting Colors

XYZ(67.5750, 73.3139, 78.2996)

Have a look what the booklet for
XYZ(67.5750, 73.3139, 78.2996)
contains.

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Color

**XYZ(67.5750, 73.3139,
78.2996)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E1DC
RGB	214, 225, 220
RGB Percent	84%, 88%, 86%
CMY	0.1608, 0.1176, 0.1372
CMYK	0.05, 0.00, 0.02, 0.12
HSL	153°, 16%, 86%
HSV	153°, 5%, 88%
XYZ	67.5750, 73.3139, 78.2996
YIQ	221.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

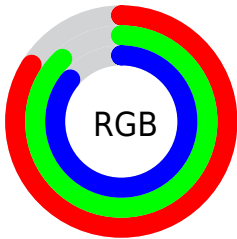
Format	Color
RYB	214, 221, 225
Decimal	14082524
CIELab	88.60, -4.59, 1.16
CIELCh	89, 4.736, 165.857
Yxy	73.3139, 0.3083, 0.3345
Android (android.graphics.Color)	4292272604 (0xFFD6E1DC)
YUV	221.1410, -0.5625, -6.2627
Hunter-Lab	85.6235, -8.9671, 5.7179

Details

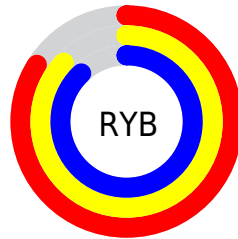
The XYZ color **67.5750, 73.3139, 78.2996** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8867, 69.2169, 76.8034**, and the grayscale version is **68.8343, 72.4191, 78.8643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4643, 38.8370, 41.2244** is the 20% darker color. If you saturate the color by 10%, you get **60.1429, 69.6364, 71.0942**, and if you desaturate by 10%, it is **76.0013, 77.4985, 85.9875**.

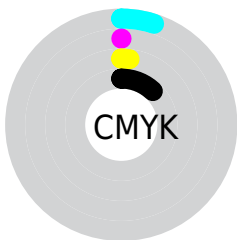
Distribution



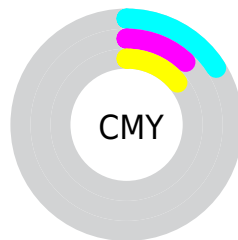
- Red (84%)
- Green (88%)
- Blue (86%)



- Red (84%)
- Yellow (87%)
- Blue (88%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5750, 73.3139, 78.2996 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 67.5750, 73.3139, 78.2996 by changing the saturation by 10% instead.

■ 67.5750, 73.3139,
78.2996

■ 67.5750, 73.3139,
78.2996

441.3891,
472.1020, 508.7386

■ 49.8245, 54.2327,
57.8022

114.7892,
123.9227, 132.7621

■ 35.4912, 38.7877,
41.2360

144.9836,
156.2191, 167.5643

■ 24.2098, 26.5946,
28.1825

180.0566,
193.6894, 207.9718

■ 15.6149, 17.2690,
18.2230

220.3737,
236.7178, 254.4032

■ 9.3412, 10.4265,
10.9391

266.3001,
285.6889, 307.2771

■ 5.0233, 5.6826,
5.9123

318.2012,

■ 2.2958, 2.6531,

340.9871, 367.0119

2.7239

376.4425,
402.9966, 434.0262

■ 0.7925, 0.9534,
0.9554

■ 0.0000, 0.0000,
0.0000

■ 67.5750, 73.3139,
78.2996

■ 67.5750, 73.3139,
78.2996

■ 60.1429, 69.6364,
71.0942

■ 76.0013, 77.4985,
85.9875

■ 53.6604, 66.4370,
64.3570

■ 83.9639, 81.4322,
94.0927

■ 48.0885, 63.6977,
58.0799

■ 85.5312, 82.0591,
102.3462

■ 43.3832, 61.3961,
52.2526

■ 86.2166, 82.3333,
105.9555

■ 39.4964, 59.5076,
46.8645

■ 36.3755, 58.0053,
41.9046

■ 33.9612, 56.8587,
37.3611

■ 32.1847, 56.0327,
33.2215

■ 30.9624, 55.4843,
29.4723

Harmonies

Analogous

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



68.1188, 73.3139, 75.5262



67.5750, 73.3139, 78.2996



67.5917, 73.3139, 81.5570

Triad

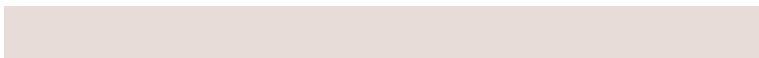
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5750, 73.3139, 78.2996



70.2844, 73.3139, 86.0299



71.2232, 73.3139, 75.3981

Complementary

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



67.5750, 73.3139, 78.2996



67.8867, 69.2169, 76.8034

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.



71.8164, 73.3139, 78.1204



67.5750, 73.3139, 78.2996



71.2703, 73.3139, 84.2868

Square

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



67.5750, 73.3139, 78.2996



69.1475, 73.3139, 86.0811



71.8337, 73.3139, 81.3729



70.2206, 73.3139, 73.8822

Rectangle

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



67.5750, 73.3139, 78.2996



67.9181, 73.3139, 83.5670



71.8337, 73.3139, 81.3729



71.4775, 73.3139, 76.1991

Sweetspot

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



67.5771, 73.3170, 78.3012



93.9319, 99.4451, 107.8761



68.3189, 73.7897, 74.2612



20.1171, 21.2912, 23.1008



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

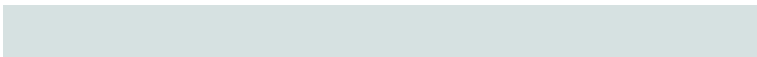
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5771, 73.3170, 78.3012



88.5433, 96.7728, 102.8541



68.1509, 73.3880, 81.8113



14.3058, 15.6925, 16.6384



17.6243, 31.8746, 16.2762



1.2666, 2.2274, 1.3652

Inverse Universe

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



67.8867, 69.2169, 76.8034



89.0475, 90.0979, 100.4158



67.3306, 69.1432, 73.4165



14.3952, 14.5093, 16.2062



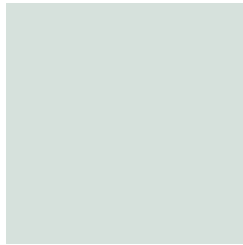
19.3414, 9.8036, 8.4635



1.3854, 0.6974, 0.8222

Previews

White Background



This preview shows how the XYZ color 67.5750, 73.3139, 78.2996 looks on a white background.

Color Contrast Check

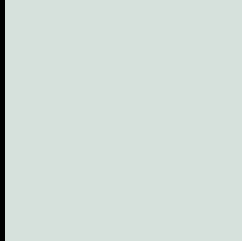
Large Text (above 18pt) WCAG AA × Fail

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 67.5750, 73.3139, 78.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

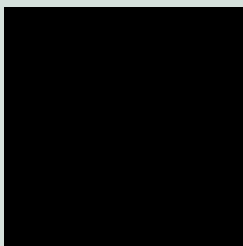
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

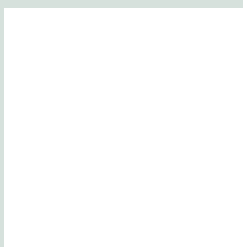
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5750, 73.3139, 78.2996

Background



This preview shows how black text looks on a background with the XYZ color 67.5750, 73.3139, 78.2996.

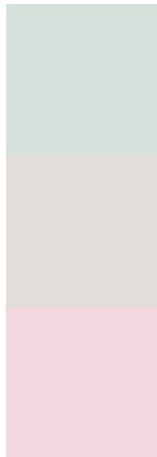


This preview shows how white text looks on a background with the XYZ color 67.5750, 73.3139,

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

67.5750, 73.3139, 78.2996

Protanopia

70.1899, 73.1058, 76.7411

Deuteranopia

74.4474, 72.9295, 79.2602



Tritanopia

70.4647, 73.2855, 92.8697

Trichromacy



Original Color

67.5750, 73.3139, 78.2996

Protanomaly

69.0317, 72.8866, 77.4480

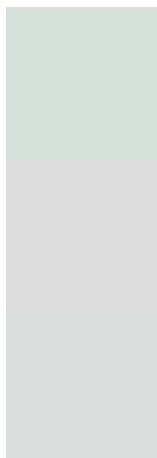
Deuteranomaly

71.6614, 73.0393, 78.7276

Tritanomaly

69.4146, 73.2575, 87.5724

Monochromacy



Original Color

67.5750, 73.3139, 78.2996

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.0859, 72.3684, 78.7866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5750, 73.3139, 78.2996 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(214, 225, 220) looks like.

```
.text, #text, p{  
    color:rgb(214, 225, 220)  
}
```

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(214, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 225, 220) }
```

Border

The CSS property to change the border of an element to XYZ 67.5750, 73.3139, 78.2996 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(214, 225, 220) }
```


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

```
.border{ border-color:rgb(214, 225, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 225, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 225, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 225, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 225,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5750, 73.3139, 78.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 225, 220) }
```

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

```
.background{ background-color: rgb(214,  
225, 220) }
```

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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