

Converting Colors

XYZ(67.5506, 73.2705, 79.6896)

Have a look what the booklet for
XYZ(67.5506, 73.2705, 79.6896)
contains.

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Color

**XYZ(67.5506, 73.2705,
79.6896)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E1DE
RGB	213, 225, 222
RGB Percent	84%, 88%, 87%
CMY	0.1647, 0.1176, 0.1294
CMYK	0.05, 0.00, 0.01, 0.12
HSL	165°, 17%, 86%
HSV	165°, 5%, 88%
XYZ	67.5506, 73.2705, 79.6896
YIQ	221.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

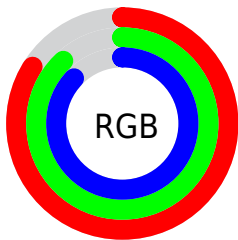
Format	Color
R _Y B	213, 220, 225
Decimal	14016990
CIE Lab	88.58, -4.56, 0.07
CIE LCh	89, 4.557, 179.152
Yxy	73.2705, 0.3063, 0.3323
Android (android.graphics.Color)	4292207070 (0xFFD5E1DE)
YUV	221.0700, 0.4585, -7.0774
Hunter-Lab	85.5982, -8.9319, 4.7213

Details

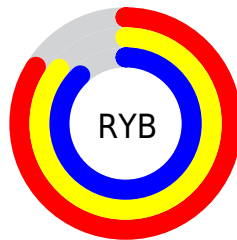
The XYZ color **67.5506, 73.2705, 79.6896** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2429, 68.5558, 74.6577**, and the grayscale version is **68.7781, 72.3600, 78.8000**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4503, 38.8086, 42.1816** is the 20% darker color. If you saturate the color by 10%, you get **60.7300, 69.8421, 75.4980**, and if you desaturate by 10%, it is **75.3061, 77.1820, 84.0596**.

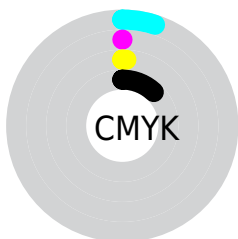
Distribution



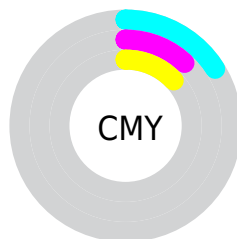
- Red (84%)
- Green (88%)
- Blue (87%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5506, 73.2705, 79.6896 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 67.5506, 73.2705, 79.6896 by changing the saturation by 10% instead.

■ 67.5506, 73.2705,
79.6896

■ 67.5506, 73.2705,
79.6896

441.3039,
471.9518, 513.5653

■ 49.8046, 54.1972,
58.9383

114.7545,
123.8611, 134.7367

■ 35.4753, 38.7593,
42.1438

144.9430,
156.1473, 169.8696

■ 24.1975, 26.5725,
28.8875

180.0097,
193.6064, 210.6334

■ 15.6057, 17.2525,
18.7509

220.3200,
236.6230, 257.4466

■ 9.3346, 10.4146,
11.3154

266.2392,
285.5815, 310.7279

■ 5.0189, 5.6747,
6.1626

318.1327,

■ 2.2933, 2.6483,

340.8661, 370.8958

2.8738

376.3658,
402.8615, 438.3687

■ 0.7912, 0.9510,
1.0306

■ 0.0000, 0.0000,
0.0000

■ 67.5506, 73.2705,
79.6896

■ 67.5506, 73.2705,
79.6896

■ 60.7300, 69.8421,
75.4980

■ 75.3061, 77.1820,
84.0596

■ 54.8007, 66.8683,
71.4768

■ 82.9120, 81.0114,
88.5539

■ 49.7249, 64.3317,
67.6246

■ 83.7306, 81.3388,
92.8645

■ 45.4597, 62.2101,
63.9381

■ 84.5751, 81.6766,
97.3116

■ 41.9584, 60.4795,
60.4136

■ 85.4458, 82.0249,
101.8964

■ 39.1693, 59.1133,
57.0476

■ 86.2166, 82.3332,
105.9555

■ 37.0343, 58.0815,
53.8359

■ 35.4857, 57.3493,
50.7738

■ 34.4403, 56.8739,
47.8562

Harmonies

Analogous

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



67.8436, 73.2705, 76.7172



67.5506, 73.2705, 79.6896



67.8129, 73.2705, 82.7624

Triad

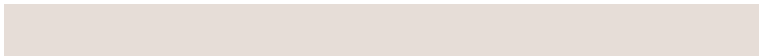
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5506, 73.2705, 79.6896



70.6755, 73.2705, 85.1799



70.7302, 73.2705, 74.6973

Complementary

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



67.5506, 73.2705, 79.6896



67.2429, 68.5558, 74.6577

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.



71.5025, 73.2705, 76.8684



67.5506, 73.2705, 79.6896



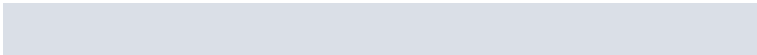
71.4707, 73.2705, 82.9215

Square

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



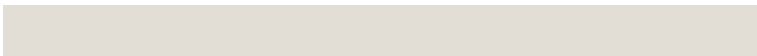
67.5506, 73.2705, 79.6896



69.6101, 73.2705, 85.9822



71.7749, 73.2705, 79.8687



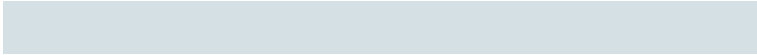
69.6727, 73.2705, 73.8818

Rectangle

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



67.5506, 73.2705, 79.6896



68.2689, 73.2705, 84.4433



71.7749, 73.2705, 79.8687



71.0321, 73.2705, 75.2899

Sweetspot

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



67.5527, 73.2736, 79.6912



92.9937, 98.9636, 107.7349



67.3158, 73.2872, 73.5497



19.9260, 21.1931, 23.0720



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.



67.5527, 73.2736, 79.6912



89.0331, 96.9687, 105.4330



67.2079, 71.9341, 81.5803



14.3927, 15.7272, 17.0960



19.6752, 32.6949, 27.0762



1.3989, 2.2803, 2.0618

Inverse Universe

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



67.2429, 68.5558, 74.6577



88.5694, 89.9067, 97.8986



67.5687, 69.8231, 72.8678



14.3105, 14.4754, 15.7605



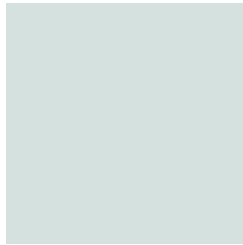
18.3483, 9.4063, 3.2340



1.3074, 0.6662, 0.4115

Previews

White Background



This preview shows how the XYZ color 67.5506, 73.2705, 79.6896 looks on a white background.

Color Contrast Check

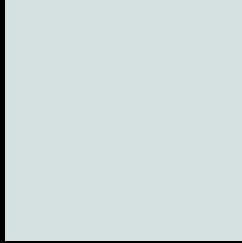
Large Text (above 18pt) WCAG AA × Fail

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 67.5506, 73.2705, 79.6896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

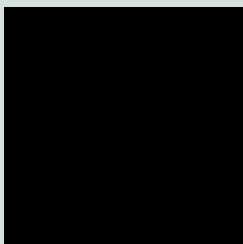
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

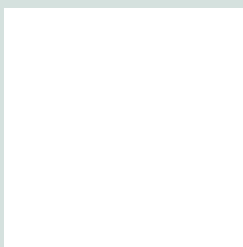
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5506, 73.2705, 79.6896

Background



This preview shows how black text looks on a background with the XYZ color 67.5506, 73.2705, 79.6896.

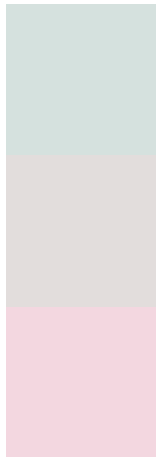


This preview shows how white text looks on a background with the XYZ color 67.5506, 73.2705,

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

67.5506, 73.2705, 79.6896

Protanopia

70.1387, 73.0490, 78.1133

Deuteranopia

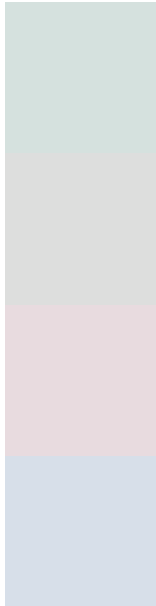
74.7171, 73.0374, 80.6806



Tritanopia

70.1684, 73.1328, 92.8558

Trichromacy



Original Color

67.5506, 73.2705, 79.6896

Protanomaly

68.9912, 72.8352, 78.8290

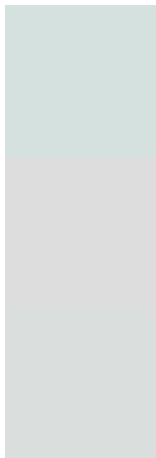
Deuteranomaly

71.9295, 73.1466, 80.1396

Tritanomaly

69.1200, 73.1056, 87.5586

Monochromacy



Original Color

67.5506, 73.2705, 79.6896

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 67.5506, 73.2705, 79.6896 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(213, 225, 222) looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 225, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 225, 222) }
```

Border

The CSS property to change the border of an element to XYZ 67.5506, 73.2705, 79.6896 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(213, 225, 222) }
```


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

```
.border{ border-color:rgb(213, 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(213, 225, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 225, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 225, 222);  
box-shadow:4px 4px 4px 4px rgb(213, 225,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5506, 73.2705, 79.6896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 225, 222) }
```

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

```
.background{ background-color: rgb(213,  
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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