

Converting Colors

XYZ(69.1831, 73.6002, 92.2223)

Have a look what the booklet for
XYZ(69.1831, 73.6002, 92.2223)
contains.

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Color

**XYZ(69.0996, 73.3922,
92.1855)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D3E0EF |
| RGB | 211, 224, 239 |
| RGB Percent | 83%, 88%, 94% |
| CMY | 0.1725, 0.1215, 0.0627 |
| CMYK | 0.12, 0.06, 0.00, 0.06 |
| HSL | 212°, 47%, 88% |
| HSV | 212°, 12%, 94% |
| XYZ | 69.0996, 73.3922, 92.1855 |
| YIQ | 221.8230, -12.5630, 1.9090 |

Conversions

Conversions Part 2

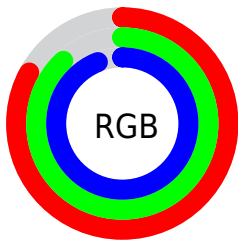
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 211, 220, 239 |
| Decimal | 13885679 |
| CIE Lab | 88.63, -1.42, -8.80 |
| CIE LCh | 89, 8.914, 260.824 |
| Yxy | 73.3922, 0.2944, 0.3127 |
| Android (android.graphics.Color) | 4292075759 (0xFFD3E0EF) |
| YUV | 221.8230, 8.4683, -9.4918 |
| Hunter-Lab | 85.6692, -5.9456, -3.8313 |

Details

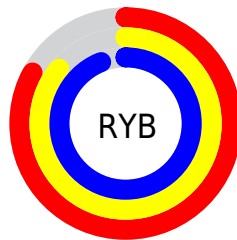
The XYZ color **69.0996, 73.3922, 92.1855** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5512, 77.4461, 72.6487**, and the grayscale version is **69.2566, 72.8633, 79.3481**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4455, 38.8628, 50.3801** is the 20% darker color. If you saturate the color by 10%, you get **59.4437, 63.4998, 90.7861**, and if you desaturate by 10%, it is **80.0369, 84.3336, 93.7221**.

Distribution



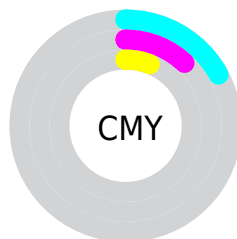
- Red (83%)
- Green (88%)
- Blue (94%)



- Red (83%)
- Yellow (86%)
- Blue (94%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (17%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0996, 73.3922, 92.1855 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 69.0996, 73.3922, 92.1855 by changing the saturation by 10% instead.

■ 69.0996, 73.3922,
92.1855

■ 69.0996, 73.3922,
92.1855

446.6981,
472.3730, 555.8673

■ 51.0698, 54.2967,
69.2108

116.9571,
124.0338, 152.3324

■ 36.4854, 38.8389,
50.4106

147.5155,
156.3488, 190.3417

■ 24.9812, 26.6345,
35.3663

182.9808,
193.8390, 234.1996

■ 16.1917, 17.2989,
23.6594

223.7183,
236.8889, 284.3247

■ 9.7516, 10.4478,
14.8713

270.0935,
285.8828, 341.1354

■ 5.2956, 5.6969,
8.5835

322.4716,

■ 2.4582, 2.6616,

341.2052, 405.0504

4.3774

381.2180,
403.2405, 476.4882

■ 0.8742, 0.9578,
1.8346

■ 0.0000, 0.0000,
0.4506

■ 69.0996, 73.3922,
92.1855

■ 69.0996, 73.3922,
92.1855

■ 59.4437, 63.4998,
90.7861

■ 80.0369, 84.3336,
93.7221

■ 51.0122, 54.6127,
89.5152

■ 90.8837, 95.6192,
95.3287

■ 43.7533, 46.6975,
88.3700

■ 92.5802, 99.0121,
95.8942

■ 37.6089, 39.7152,
87.3461

■ 32.5151, 33.6236,
86.4388

■ 28.4012, 28.3763,
85.6428

■ 25.1864, 23.9216,
84.9523

■ 22.7749, 20.1992,
84.3610

■ 21.2638, 17.5993,
83.9388

Harmonies

Analogous

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



67.1767, 73.3922, 89.4508



69.0996, 73.3922, 92.1855



71.2379, 73.3922, 91.5028

Triad

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



69.0996, 73.3922, 92.1855



73.6949, 73.3922, 75.7740



66.5995, 73.3922, 72.6598

Complementary

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



69.0996, 73.3922, 92.1855



74.5512, 77.4461, 72.6487

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.



68.2970, 73.3922, 69.3432



69.0996, 73.3922, 92.1855



72.4027, 73.3922, 71.0759

Square

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



69.0996, 73.3922, 92.1855



73.9205, 73.3922, 81.8155



70.4187, 73.3922, 68.7786



65.7530, 73.3922, 78.0375

Rectangle

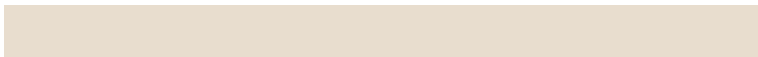
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0996, 73.3922, 92.1855



72.4962, 73.3922, 89.2148



70.4187, 73.3922, 68.7786



67.0879, 73.3922, 71.2787

Sweetspot

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



69.1018, 73.3953, 92.1871



89.6783, 94.6803, 108.1563



71.4500, 81.0705, 83.7871



18.9845, 20.0561, 23.1206



0.0000, 0.0000, 0.0000



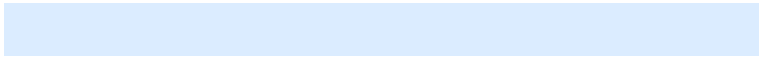
20.3446, 21.4041, 23.3091

Same Dimension

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



69.1018, 73.3953, 92.1871



77.3144, 82.2480, 106.4083



66.0077, 66.8091, 91.0789



15.5023, 16.4387, 20.0775



11.8792, 9.9826, 46.4286



1.0868, 1.0276, 3.8953

Inverse Universe

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



72.3471, 70.3226, 80.2851



81.7726, 78.1288, 90.0353



77.9078, 84.6260, 73.8576



16.0782, 15.8810, 17.9682



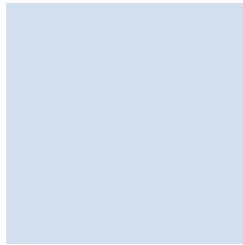
21.3217, 10.8011, 9.6105



1.8235, 0.9185, 1.0616

Previews

White Background



This preview shows how the XYZ color 69.0996, 73.3922, 92.1855 looks on a white background.

Color Contrast Check

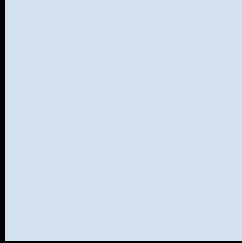
Large Text (above 18pt) WCAG AA × Fail

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 69.0996, 73.3922, 92.1855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

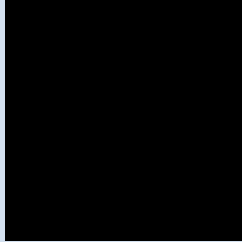
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

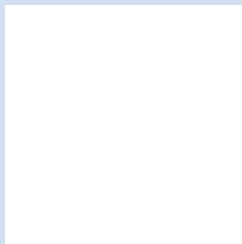
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0996, 73.3922, 92.1855

Background



This preview shows how black text looks on a background with the XYZ color 69.0996, 73.3922, 92.1855.

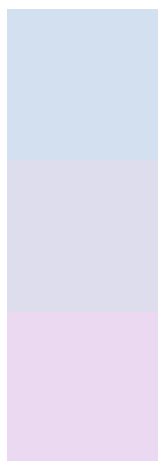


This preview shows how white text looks on a background with the XYZ color 69.0996, 73.3922,

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

69.0996, 73.3922, 92.1855

Protanopia

71.2667, 73.3569, 90.5239

Deuteranopia

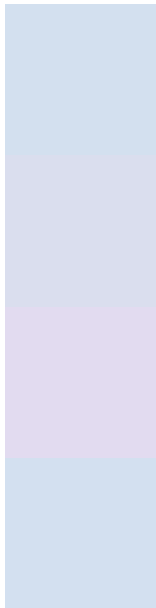
74.6940, 73.1248, 93.3968



Tritanopia

69.3968, 73.5111, 93.7505

Trichromacy



Original Color

69.0996, 73.3922, 92.1855

Protanomaly

70.4673, 73.3210, 91.3273

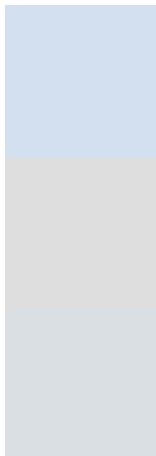
Deuteranomaly

72.4237, 73.1231, 92.7351

Tritanomaly

69.2478, 73.4515, 92.9659

Monochromacy



Original Color

69.0996, 73.3922, 92.1855

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.3047, 73.2822, 83.8909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0996, 73.3922, 92.1855 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(211, 224, 239)` looks like.

```
.text, #text, p{  
    color:rgb(211, 224, 239)  
}
```

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(211, 224, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 224, 239) }
```

Border

The CSS property to change the border of an element to XYZ 69.0996, 73.3922, 92.1855 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(211, 224, 239) }
```


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

```
.border{ border-color:rgb(211, 224, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 224, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 224, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 224, 239);  
box-shadow:4px 4px 4px 4px rgb(211, 224,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0996, 73.3922, 92.1855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 224, 239) }
```

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

```
.background{ background-color: rgb(211,  
224, 239) }
```

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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