

Converting Colors

XYZ(68.7871, 71.9123, 93.3188)

Have a look what the booklet for
XYZ(68.7871, 71.9123, 93.3188)
contains.

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Color

**XYZ(68.8850, 72.0608,
93.4976)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DDF1
RGB	212, 221, 241
RGB Percent	83%, 87%, 95%
CMY	0.1686, 0.1333, 0.0549
CMYK	0.12, 0.08, 0.00, 0.05
HSL	221°, 51%, 89%
HSV	221°, 12%, 95%
XYZ	68.8850, 72.0608, 93.4976
YIQ	220.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

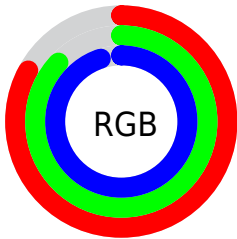
Format	Color
R _Y B	212, 219, 241
Decimal	13950449
CIE Lab	88.00, 0.86, -10.79
CIE LCh	88, 10.825, 274.538
Yxy	72.0608, 0.2938, 0.3074
Android (android.graphics.Color)	4292140529 (0xFFD4DDF1)
YUV	220.5890, 10.0626, -7.5326
Hunter-Lab	84.8886, -3.7068, -5.8808

Details

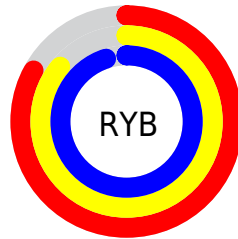
The XYZ color **68.8850, 72.0608, 93.4976** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.0163, 81.1671, 73.8964**, and the grayscale version is **68.3786, 71.9396, 78.3422**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2978, 37.9433, 51.3096** is the 20% darker color. If you saturate the color by 10%, you get **58.2772, 60.3996, 91.8070**, and if you desaturate by 10%, it is **80.9684, 85.1312, 95.3847**.

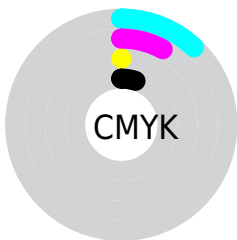
Distribution



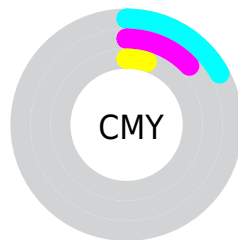
- Red (83%)
- Green (87%)
- Blue (95%)



- Red (83%)
- Yellow (86%)
- Blue (95%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8850, 72.0608, 93.4976 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 68.8850, 72.0608, 93.4976 by changing the saturation by 10% instead.

■ 68.8850, 72.0608,
93.4976

■ 68.8850, 72.0608,
93.4976

445.9530,
467.7532, 560.2049

■ 50.8944, 53.2083,
70.2952

116.6523,
122.1430, 154.1650

■ 36.3452, 37.9691,
51.2889

147.1596,
154.1415, 192.4671

■ 24.8723, 25.9587,
36.0603

182.5699,
191.2908, 236.6395

■ 16.1102, 16.7928,
24.1907

223.2485,
233.9753, 287.1007

■ 9.6935, 10.0868,
15.2616

269.5607,
282.5794, 344.2693

■ 5.2569, 5.4566,
8.8546

321.8720,

■ 2.4351, 2.5176,

337.4875, 408.5639

4.5509

380.5476,
399.0839, 480.4029

■ 0.8626, 0.8854,
1.9322

■ 0.0000, 0.0000,
0.5131

■ 68.8850, 72.0608,
93.4976

■ 68.8850, 72.0608,
93.4976

■ 58.2772, 60.3996,
91.8070

■ 80.9684, 85.1312,
95.3847

■ 49.0801, 50.0899,
90.3018

■ 92.6359, 98.6480,
97.3788

■ 41.2337, 41.0830,
88.9768

■ 92.8774, 99.1310,
97.4593

■ 34.6705, 33.3238,
87.8250

■ 29.3174, 26.7528,
86.8388

■ 25.0930, 21.3050,
86.0100

■ 21.9050, 16.9085,
85.3294

■ 19.6444, 13.4805,
84.7869

■ 18.3812, 11.3585,
84.4439

Harmonies

Analogous

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



66.3805, 72.0608, 92.0044



68.8850, 72.0608, 93.4976



71.3435, 72.0608, 90.7596

Triad

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



68.8850, 72.0608, 93.4976



72.6608, 72.0608, 70.6778



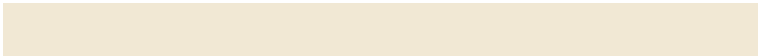
64.1086, 72.0608, 72.5099

Complementary

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



68.8850, 72.0608, 93.4976



77.0163, 81.1671, 73.8964

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.



65.7168, 72.0608, 67.3286



68.8850, 72.0608, 93.4976



70.6470, 72.0608, 66.3183

Square

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



68.8850, 72.0608, 93.4976



73.5580, 72.0608, 77.3429



68.0998, 72.0608, 65.1314



63.6634, 72.0608, 79.5918

Rectangle

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



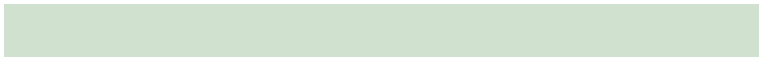
68.8850, 72.0608, 93.4976



72.6131, 72.0608, 86.9984



68.0998, 72.0608, 65.1314



64.5291, 72.0608, 70.5030

Sweetspot

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



68.8871, 72.0638, 93.4992



89.1936, 93.7108, 107.9947



73.1474, 82.7247, 88.3209



18.8620, 19.8111, 23.0797



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.



68.8871, 72.0638, 93.4992



75.7573, 79.1337, 105.8892



68.1315, 68.2396, 92.8009



15.2976, 16.0292, 20.0093



10.0729, 6.3700, 45.8265



0.9232, 0.7004, 3.8408

Inverse Universe

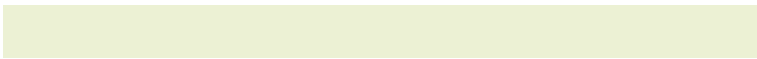
The Inverse Universe completely reimagines the original color for something new.



72.8719, 71.0098, 78.2755



80.9866, 77.8144, 85.8964



77.8272, 85.4440, 74.6792



15.9749, 15.8397, 17.4240



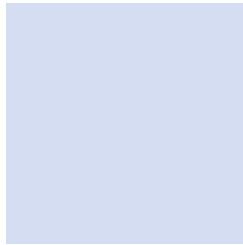
20.4099, 10.4364, 4.8094



1.7409, 0.8854, 0.6267

Previews

White Background



This preview shows how the XYZ color 68.8850, 72.0608, 93.4976 looks on a white background.

Color Contrast Check

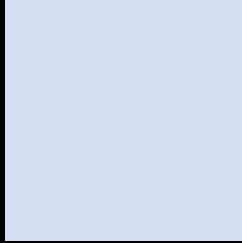
Large Text (above 18pt) WCAG AA × Fail

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 68.8850, 72.0608, 93.4976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

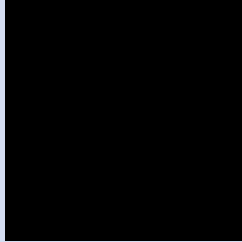
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.8850, 72.0608, 93.4976

Background



This preview shows how black text looks on a background with the XYZ color 68.8850, 72.0608, 93.4976.



This preview shows how white text looks on a background with the XYZ color 68.8850, 72.0608,

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

68.8850, 72.0608, 93.4976

Protanopia

70.2731, 72.0144, 92.6344

Deuteranopia

73.3523, 71.6597, 93.9700



Tritanopia

68.5878, 71.9419, 91.9326

Trichromacy



Original Color

68.8850, 72.0608, 93.4976

Protanomaly

69.6403, 72.0766, 92.6798

Deuteranomaly

71.8912, 72.0441, 94.1212

Tritanomaly

68.7360, 72.0012, 92.7129

Monochromacy



Original Color

68.8850, 72.0608, 93.4976

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7735, 72.2198, 83.7138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8850, 72.0608, 93.4976 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(212, 221, 241)` looks like.

```
.text, #text, p{  
    color:rgb(212, 221, 241)  
}
```

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(212, 221, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 221, 241) }
```

Border

The CSS property to change the border of an element to XYZ 68.8850, 72.0608, 93.4976 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(212, 221, 241) }
```


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

```
.border{ border-color:rgb(212, 221, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 221, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 221, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 221, 241);  
box-shadow:4px 4px 4px 4px rgb(212, 221,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8850, 72.0608, 93.4976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 221, 241) }
```

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

```
.background{ background-color: rgb(212,  
221, 241) }
```

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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