

Converting Colors

XYZ(68.8320, 71.4480, 93.3080)

Have a look what the booklet for
XYZ(68.8320, 71.4480, 93.3080)
contains.

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Color

**XYZ(68.9110, 71.6834,
93.4234)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DCF1
RGB	213, 220, 241
RGB Percent	84%, 86%, 95%
CMY	0.1647, 0.1372, 0.0549
CMYK	0.12, 0.09, 0.00, 0.05
HSL	225°, 50%, 89%
HSV	225°, 12%, 95%
XYZ	68.9110, 71.6834, 93.4234
YIQ	220.3010, -10.9130, 5.0470

Conversions

Conversions Part 2

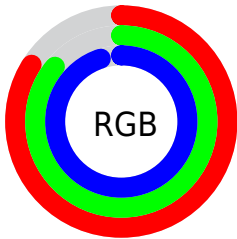
Format	Color
R _Y B	213, 219, 241
Decimal	14015729
CIE Lab	87.82, 1.70, -11.05
CIE LCh	88, 11.184, 278.727
Yxy	71.6834, 0.2945, 0.3063
Android (android.graphics.Color)	4292205809 (0xFFD5DCF1)
YUV	220.3010, 10.2046, -6.4030
Hunter-Lab	84.6660, -2.8817, -6.1564

Details

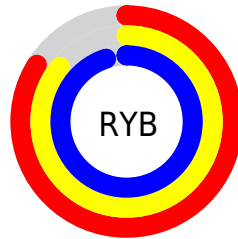
The XYZ color **68.9110, 71.6834, 93.4234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7092, 82.3503, 74.7518**, and the grayscale version is **68.1759, 71.7263, 78.1100**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3126, 37.6822, 51.2584** is the 20% darker color. If you saturate the color by 10%, you get **57.9440, 59.3665, 91.6251**, and if you desaturate by 10%, it is **81.4338, 85.5674, 95.4444**.

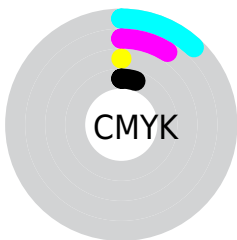
Distribution



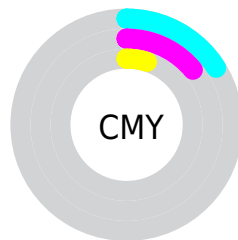
- Red (84%)
- Green (86%)
- Blue (95%)



- Red (84%)
- Yellow (86%)
- Blue (95%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9110, 71.6834, 93.4234 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 68.9110, 71.6834, 93.4234 by changing the saturation by 10% instead.

■ 68.9110, 71.6834,
93.4234

■ 68.9110, 71.6834,
93.4234

446.0433,
466.4389, 559.9601

■ 50.9156, 52.9001,
70.2338

116.6892,
121.6063, 154.0614

■ 36.3622, 37.7230,
51.2392

147.2027,
153.5147, 192.3470

■ 24.8855, 25.7678,
36.0210

182.6197,
190.5669, 236.5017

■ 16.1200, 16.6500,
24.1606

223.3054,
233.1473, 286.9439

■ 9.7005, 9.9853,
15.2395

269.6253,
281.6403, 344.0924

■ 5.2616, 5.3892,
8.8391

321.9447,

■ 2.4379, 2.4774,

336.4303, 408.3655

4.5410

380.6289,
397.9017, 480.1819

■ 0.8640, 0.8653,
1.9266

■ 0.0000, 0.0000,
0.5096

■ 68.9110, 71.6834,
93.4234

■ 68.9110, 71.6834,
93.4234

■ 57.9440, 59.3665,
91.6251

■ 81.4338, 85.5674,
95.4444

■ 48.4646, 48.5517,
90.0373

■ 92.8774, 99.1310,
97.4593

■ 40.4088, 39.1825,
88.6535

■ 33.7052, 31.1955,
87.4651

■ 28.2763, 24.5222,
86.4632

■ 24.0361, 19.0877,
85.6377

■ 20.8871, 14.8091,
84.9778

■ 18.7149, 11.5915,
84.4713

■ 17.5077, 9.6115,
84.1527

Harmonies

Analogous

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



66.2963, 71.6834, 92.4937



68.9110, 71.6834, 93.4234



71.3791, 71.6834, 90.0300

Triad

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



68.9110, 71.6834, 93.4234



72.1964, 71.6834, 69.2512



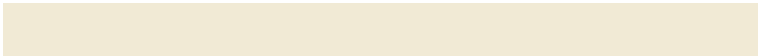
63.4825, 71.6834, 72.8625

Complementary

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



68.9110, 71.6834, 93.4234



77.7092, 82.3503, 74.7518

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.



64.9867, 71.6834, 67.1848



68.9110, 71.6834, 93.4234



70.0032, 71.6834, 65.1960

Square

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



68.9110, 71.6834, 93.4234



73.3080, 71.6834, 75.8521



67.3607, 71.6834, 64.4648



63.2073, 71.6834, 80.2921

Rectangle

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



68.9110, 71.6834, 93.4234



72.5931, 71.6834, 85.8948



67.3607, 71.6834, 64.4648



63.8593, 71.6834, 70.7000

Sweetspot

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



68.9131, 71.6864, 93.4250



90.4884, 94.9721, 108.1699



73.6815, 82.9718, 89.6239



19.1133, 20.0463, 23.1119



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.



68.9131, 71.6864, 93.4250



75.1601, 77.9393, 105.6902



69.0470, 69.0839, 92.9156



15.2184, 15.8710, 19.9829



9.5836, 5.3915, 45.6634



0.8737, 0.6014, 3.8242

Inverse Universe

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



72.9899, 71.4583, 77.6594



80.6852, 77.6939, 84.3091



77.5519, 85.2875, 75.3270



15.9349, 15.8237, 17.2137



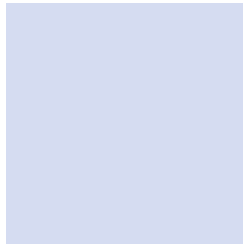
20.1630, 10.3376, 3.5090



1.7160, 0.8754, 0.4951

Previews

White Background



This preview shows how the XYZ color 68.9110, 71.6834, 93.4234 looks on a white background.

Color Contrast Check

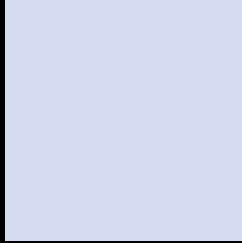
Large Text (above 18pt) WCAG AA × Fail

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 68.9110, 71.6834, 93.4234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

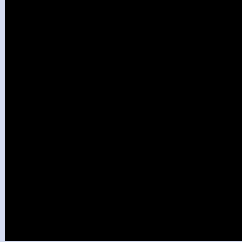
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9110, 71.6834, 93.4234

Background



This preview shows how black text looks on a background with the XYZ color 68.9110, 71.6834, 93.4234.

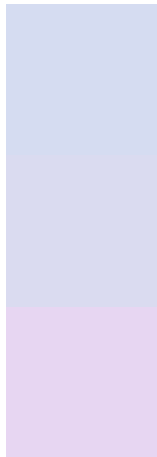


This preview shows how white text looks on a background with the XYZ color 68.9110, 71.6834,

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

68.9110, 71.6834, 93.4234

Protanopia

69.9731, 71.8597, 92.6204

Deuteranopia

73.0286, 71.4929, 93.9549



Tritanopia

68.1772, 71.3565, 91.0688

Trichromacy



Original Color

68.9110, 71.6834, 93.4234

Protanomaly

69.3786, 71.5532, 92.5926

Deuteranomaly

71.3233, 71.3698, 94.0210

Tritanomaly

68.3246, 71.4154, 91.8448

Monochromacy



Original Color

68.9110, 71.6834, 93.4234

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.2121, 71.5395, 83.6121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9110, 71.6834, 93.4234 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, 220, 241)` looks like.

```
.text, #text, p{  
    color:rgb(213, 220, 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(213, 220, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 220, 241) }
```

Border

The CSS property to change the border of an element to XYZ 68.9110, 71.6834, 93.4234 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, 220, 241) }
```


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

```
.border{ border-color:rgb(213, 220, 241) }
```

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

Here you see how a box with a 4 pixel rgb(213, 220, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 220, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 220, 241);  
box-shadow:4px 4px 4px 4px rgb(213, 220,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9110, 71.6834, 93.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 220, 241) }
```

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

```
.background{ background-color: rgb(213,  
220, 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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