

Converting Colors

XYZ(69.9350, 71.5728, 93.4545)

Have a look what the booklet for
XYZ(69.9350, 71.5728, 93.4545)
contains.

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Color

**XYZ(69.8620, 71.3991,
93.3184)**

Conversions

Conversions Part 1

Format	Color
Hex	DADAF1
RGB	218, 218, 241
RGB Percent	85%, 85%, 95%
CMY	0.1451, 0.1451, 0.0549
CMYK	0.10, 0.10, 0.00, 0.05
HSL	240°, 45%, 90%
HSV	240°, 10%, 95%
XYZ	69.8620, 71.3991, 93.3184
YIQ	220.6220, -7.3830, 7.1530

Conversions

Conversions Part 2

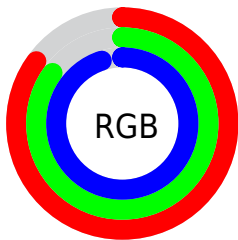
Format	Color
R _Y B	218, 218, 241
Decimal	14342897
CIE Lab	87.68, 4.35, -11.22
CIE LCh	88, 12.032, 291.174
Yxy	71.3991, 0.2978, 0.3044
Android (android.graphics.Color)	4292532977 (0xFFDADAF1)
YUV	220.6220, 10.0464, -2.2995
Hunter-Lab	84.4980, -0.2897, -6.3305

Details

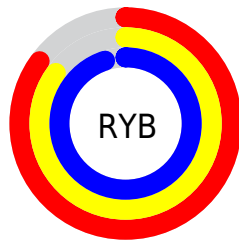
The XYZ color **69.8620, 71.3991, 93.3184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.3860, 86.6727, 78.8236**, and the grayscale version is **68.3996, 71.9617, 78.3663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9584, 37.4837, 51.1861** is the 20% darker color. If you saturate the color by 10%, you get **57.3717, 56.3500, 91.0731**, and if you desaturate by 10%, it is **84.3128, 88.8112, 95.9187**.

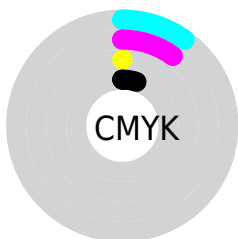
Distribution



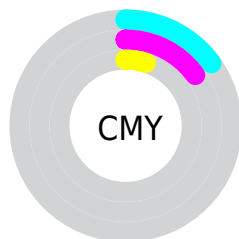
- Red (85%)
- Green (85%)
- Blue (95%)



- Red (85%)
- Yellow (85%)
- Blue (95%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8620, 71.3991, 93.3184 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 69.8620, 71.3991, 93.3184 by changing the saturation by 10% instead.

■ 69.8620, 71.3991,
93.3184

■ 69.8620, 71.3991,
93.3184

449.3393,
465.4474, 559.6136

■ 51.6932, 52.6680,
70.1470

118.0393,
121.2018, 153.9149

■ 36.9839, 37.5378,
51.1689

148.7785,
153.0422, 192.1771

■ 25.3686, 25.6241,
35.9654

184.4386,
190.0211, 236.3066

■ 16.4821, 16.5427,
24.1180

225.3849,
232.5229, 286.7221

■ 9.9589, 9.9090,
15.2081

271.9827,
280.9321, 343.8419

■ 5.4338, 5.3386,
8.8173

324.5975,

■ 2.5413, 2.4473,

335.6329, 408.0848

4.5271

383.5946,
397.0099, 479.8692

■ 0.9161, 0.8501,
1.9187

■ 0.0000, 0.0000,
0.5046

■ 69.8620, 71.3991,
93.3184

■ 69.8620, 71.3991,
93.3184

■ 57.3717, 56.3500,
91.0731

■ 84.3128, 88.8112,
95.9187

■ 46.7515, 43.5537,
89.1629

■ 92.8774, 99.1310,
97.4593

■ 37.9134, 32.9045,
87.5732

■ 30.7598, 24.2849,
86.2865

■ 25.1837, 17.5660,
85.2835

■ 21.0660, 12.6042,
84.5428

■ 18.2706, 9.2355,
84.0399

■ 16.6359, 7.2654,
83.7458

■ 15.9035, 6.3827,
83.6140

Harmonies

Analogous

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



67.0252, 71.3991, 94.3091



69.8620, 71.3991, 93.3184



72.2233, 71.3991, 88.0050

Triad

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



69.8620, 71.3991, 93.3184



71.3577, 71.3991, 66.1414



62.5889, 71.3991, 75.3577

Complementary

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



69.8620, 71.3991, 93.3184



80.3860, 86.6727, 78.8236

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.



63.6812, 71.3991, 68.3086



69.8620, 71.3991, 93.3184



68.7072, 71.3991, 63.2376

Square

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



69.8620, 71.3991, 93.3184



73.1036, 71.3991, 72.2077



65.9019, 71.3991, 64.0022



62.8785, 71.3991, 83.5510

Rectangle

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



69.8620, 71.3991, 93.3184



73.1844, 71.3991, 82.9181



65.9019, 71.3991, 64.0022



62.8055, 71.3991, 72.7849

Sweetspot

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



69.8641, 71.4021, 93.3200



89.8996, 93.7943, 107.9736



76.1899, 84.1452, 95.1464



18.9551, 19.7299, 23.0592



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.



69.8641, 71.4021, 93.3200



77.1693, 78.4557, 105.6840



73.3002, 73.1722, 93.4805



14.8975, 15.2291, 19.8759



8.6101, 3.4445, 45.3389



0.7163, 0.2867, 3.7718

Inverse Universe

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



74.0036, 73.9070, 76.6982



82.5542, 81.7143, 84.0610



76.7071, 84.7775, 78.6517



15.7730, 15.7589, 16.3606



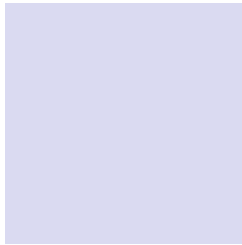
19.6716, 10.1411, 0.9213



1.6365, 0.8437, 0.0768

Previews

White Background



This preview shows how the XYZ color 69.8620, 71.3991, 93.3184 looks on a white background.

Color Contrast Check

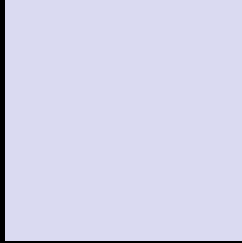
Large Text (above 18pt) WCAG AA × Fail

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 69.8620, 71.3991, 93.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

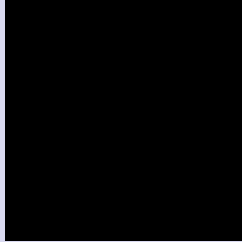
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8620, 71.3991, 93.3184

Background



This preview shows how black text looks on a background with the XYZ color 69.8620, 71.3991, 93.3184.

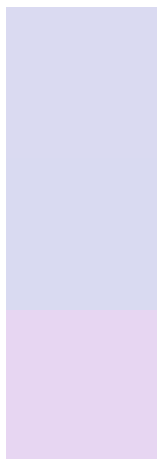


This preview shows how white text looks on a background with the XYZ color 69.8620, 71.3991,

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

69.8620, 71.3991, 93.3184

Protanopia

69.5639, 71.2454, 93.3044

Deuteranopia

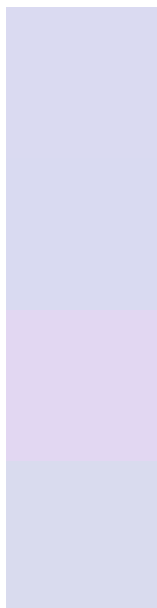
73.0286, 71.4929, 93.9549



Tritanopia

69.0871, 71.4709, 89.5109

Trichromacy



Original Color

69.8620, 71.3991, 93.3184

Protanomaly

69.5639, 71.2454, 93.3044

Deuteranomaly

71.6915, 71.1804, 93.9651

Tritanomaly

69.3794, 71.5878, 91.0501

Monochromacy



Original Color

69.8620, 71.3991, 93.3184

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.1120, 72.0035, 83.6543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8620, 71.3991, 93.3184 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(218, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 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(218, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 241) }
```

Border

The CSS property to change the border of an element to XYZ 69.8620, 71.3991, 93.3184 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(218, 218, 241) }
```


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

```
.border{ border-color:rgb(218, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8620, 71.3991, 93.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 241) }
```

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

```
.background{ background-color: rgb(218,  
218, 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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