

Converting Colors

XYZ(69.4063, 71.2766, 96.4913)

Have a look what the booklet for
XYZ(69.4063, 71.2766, 96.4913)
contains.

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Color

**XYZ(69.2844, 71.0315,
96.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DAF5
RGB	214, 218, 245
RGB Percent	84%, 85%, 96%
CMY	0.1608, 0.1451, 0.0392
CMYK	0.13, 0.11, 0.00, 0.04
HSL	232°, 61%, 90%
HSV	232°, 13%, 96%
XYZ	69.2844, 71.0315, 96.4450
YIQ	219.8820, -11.0510, 7.5490

Conversions

Conversions Part 2

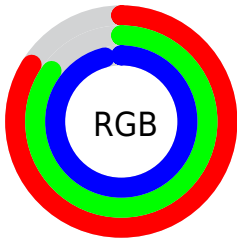
Format	Color
R _Y B	214, 218, 245
Decimal	14080757
CIE Lab	87.50, 3.87, -13.63
CIE LCh	88, 14.164, 285.846
Yxy	71.0315, 0.2926, 0.3000
Android (android.graphics.Color)	4292270837 (0xFFD6DAF5)
YUV	219.8820, 12.3832, -5.1585
Hunter-Lab	84.2802, -0.7504, -8.8517

Details

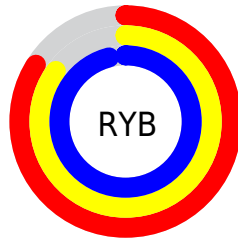
The XYZ color **69.2844, 71.0315, 96.4450** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.2495, 87.1778, 76.1645**, and the grayscale version is **67.8689, 71.4034, 77.7583**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5806, 37.2394, 53.4040** is the 20% darker color. If you saturate the color by 10%, you get **57.4837, 57.2578, 94.4095**, and if you desaturate by 10%, it is **82.8771, 86.7901, 98.7714**.

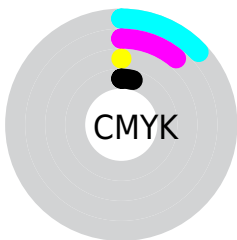
Distribution



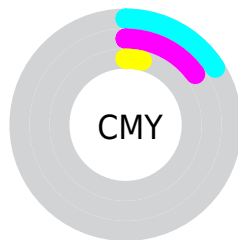
- Red (84%)
- Green (85%)
- Blue (96%)



- Red (84%)
- Yellow (85%)
- Blue (96%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2844, 71.0315, 96.4450 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 69.2844, 71.0315, 96.4450 by changing the saturation by 10% instead.

■ 69.2844, 71.0315,
96.4450

■ 69.2844, 71.0315,
96.4450

447.3391,
464.1635, 569.8828

■ 51.2208, 52.3679,
72.7347

117.2195,
120.6786, 158.2721

■ 36.6062, 37.2984,
53.2686

147.8218,
152.4308, 197.2261

■ 25.0750, 25.4386,
37.6280

183.3344,
189.3148, 242.0983

■ 16.2620, 16.4041,
25.3945

224.1226,
231.7148, 293.3074

■ 9.8017, 9.8106,
16.1495

270.5519,
280.0153, 351.2718

■ 5.3290, 5.2736,
9.4745

322.9874,

■ 2.4783, 2.4086,

334.6007, 416.4102

4.9510

381.7947,
395.8553, 489.1410

■ 0.8843, 0.8303,
2.1603

■ 0.0000, 0.0000,
0.6513

■ 69.2844, 71.0315,
96.4450

■ 69.2844, 71.0315,
96.4450

■ 57.4837, 57.2578,
94.4095

■ 82.8771, 86.7901,
98.7714

■ 47.3937, 45.3813,
92.6489

■ 93.4816, 99.3727,
100.6412

■ 38.9364, 35.3213,
91.1529

■ 32.0251, 26.9873,
89.9085

■ 26.5652, 20.2815,
88.9019

■ 22.4513, 15.0957,
88.1178

■ 19.5636, 11.3086,
87.5390

■ 17.7601, 8.7793,
87.1459

■ 16.9884, 7.6061,
86.9601

Harmonies

Analogous

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



65.9530, 71.0315, 96.6081



69.2844, 71.0315, 96.4450



72.2328, 71.0315, 90.8923

Triad

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



69.2844, 71.0315, 96.4450



72.0925, 71.0315, 64.8663



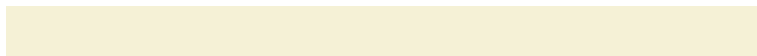
61.4681, 71.0315, 72.9246

Complementary

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



69.2844, 71.0315, 96.4450



81.2495, 87.1778, 76.1645

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.



63.0040, 71.0315, 65.2087



69.2844, 71.0315, 96.4450



69.0980, 71.0315, 60.8231

Square

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



69.2844, 71.0315, 96.4450



73.8903, 71.0315, 72.4209



65.7727, 71.0315, 60.9430



61.5142, 71.0315, 82.4795

Rectangle

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



69.2844, 71.0315, 96.4450



73.5524, 71.0315, 85.1245



65.7727, 71.0315, 60.9430



61.8142, 71.0315, 70.0474

Sweetspot

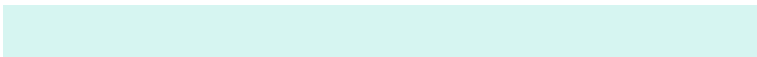
The Sweet Spot groups the original color and five complimentary colors.



69.2865, 71.0345, 96.4466



88.6278, 92.5793, 107.8061



76.2426, 85.9452, 95.6866



18.7193, 19.5257, 23.0322



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.



69.2865, 71.0345, 96.4466



72.6297, 74.0108, 105.0653



71.6952, 70.7538, 96.2655



15.7536, 16.2715, 20.8530



9.2063, 4.2063, 46.8647



0.8626, 0.4765, 4.1368

Inverse Universe

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



74.3594, 72.5692, 76.4211



79.1316, 76.0142, 79.3903



78.6027, 87.5916, 76.3839



16.5862, 16.5173, 17.5675



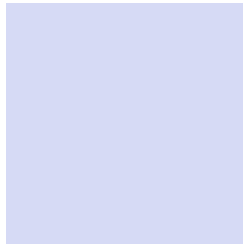
20.4514, 10.5240, 1.8195



1.8244, 0.9357, 0.3019

Previews

White Background



This preview shows how the XYZ color 69.2844, 71.0315, 96.4450 looks on a white background.

Color Contrast Check

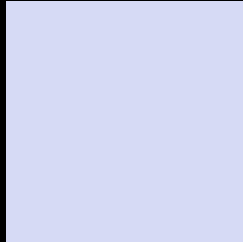
Large Text (above 18pt) WCAG AA × Fail

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 69.2844, 71.0315, 96.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

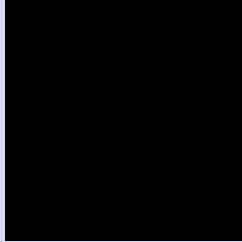
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2844, 71.0315, 96.4450

Background



This preview shows how black text looks on a background with the XYZ color 69.2844, 71.0315, 96.4450.

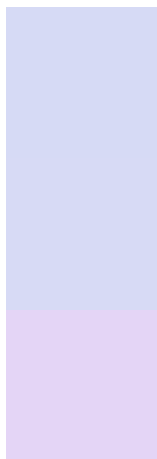


This preview shows how white text looks on a background with the XYZ color 69.2844, 71.0315,

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

69.2844, 71.0315, 96.4450

Protanopia

69.5772, 71.1825, 96.4587

Deuteranopia

72.4237, 70.7363, 97.0251



Tritanopia

68.0582, 70.9236, 90.2233

Trichromacy



Original Color

69.2844, 71.0315, 96.4450

Protanomaly

69.5772, 71.1825, 96.4587

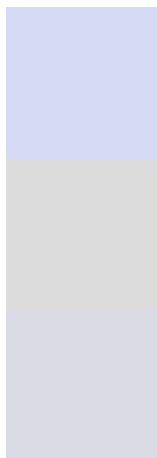
Deuteranomaly

71.3664, 70.9427, 97.1207

Tritanomaly

68.5003, 71.1004, 92.5515

Monochromacy



Original Color

69.2844, 71.0315, 96.4450

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.3878, 71.2256, 84.2722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2844, 71.0315, 96.4450 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(214, 218, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 218, 245)  
}
```

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(214, 218, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 218, 245) }
```

Border

The CSS property to change the border of an element to XYZ 69.2844, 71.0315, 96.4450 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(214, 218, 245) }
```


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

```
.border{ border-color:rgb(214, 218, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 218, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 218, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 218, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 218,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2844, 71.0315, 96.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 218, 245) }
```

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

```
.background{ background-color: rgb(214,  
218, 245) }
```

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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