

Converting Colors

XYZ(69.3365, 70.6593, 94.4160)

Have a look what the booklet for
XYZ(69.3365, 70.6593, 94.4160)
contains.

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Color

**XYZ(69.3094, 70.6957,
94.7867)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D9F3
RGB	216, 217, 243
RGB Percent	85%, 85%, 95%
CMY	0.1529, 0.1490, 0.0471
CMYK	0.11, 0.11, 0.00, 0.05
HSL	238°, 53%, 90%
HSV	238°, 11%, 95%
XYZ	69.3094, 70.6957, 94.7867
YIQ	219.6650, -8.9420, 7.8740

Conversions

Conversions Part 2

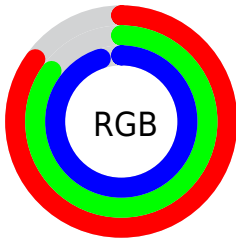
Format	Color
R _Y B	216, 217, 243
Decimal	14211571
CIE Lab	87.34, 4.63, -12.80
CIE LCh	87, 13.610, 289.869
Yxy	70.6957, 0.2952, 0.3011
Android (android.graphics.Color)	4292401651 (0xFFD8D9F3)
YUV	219.6650, 11.5042, -3.2142
Hunter-Lab	84.0807, -0.0002, -7.9829

Details

The XYZ color **69.3094, 70.6957, 94.7867** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.1093, 87.5163, 77.5845**, and the grayscale version is **67.7227, 71.2495, 77.5907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5879, 37.0056, 52.2281** is the 20% darker color. If you saturate the color by 10%, you get **57.0452, 56.0478, 92.6069**, and if you desaturate by 10%, it is **83.4944, 87.6067, 97.3043**.

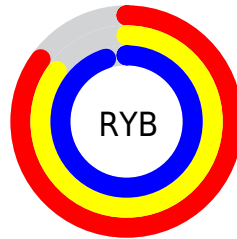
Distribution



Red (85%)

Green (85%)

Blue (95%)



Red (85%)

Yellow (85%)

Blue (95%)

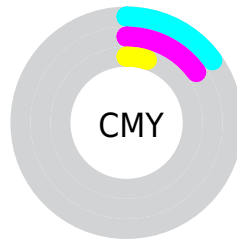


Cyan (11%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3094, 70.6957, 94.7867 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 69.3094, 70.6957, 94.7867 by changing the saturation by 10% instead.

■ 69.3094, 70.6957,
94.7867

■ 69.3094, 70.6957,
94.7867

447.4258,
462.9890, 564.4488

■ 51.2413, 52.0939,
71.3616

117.2550,
120.2003, 155.9629

■ 36.6225, 37.0799,
52.1537

147.8633,
151.8720, 194.5511

■ 25.0877, 25.2694,
36.7445

183.3822,
188.6690, 239.0307

■ 16.2715, 16.2779,
24.7155

224.1773,
230.9758, 289.8202

■ 9.8085, 9.7210,
15.6481

270.6139,
279.1768, 347.3383

■ 5.3335, 5.2144,
9.1238

323.0572,

■ 2.4810, 2.3736,

333.6564, 412.0033

4.7241

381.8727,
394.7990, 484.2340

■ 0.8857, 0.8122,
2.0304

■ 0.0000, 0.0000,
0.5739

■ 69.3094, 70.6957,
94.7867

■ 69.3094, 70.6957,
94.7867

■ 57.0452, 56.0478,
92.6069

■ 83.4944, 87.6067,
97.3043

■ 46.6134, 43.5588,
90.7461

■ 93.1779, 99.2512,
99.0416

■ 37.9278, 33.1291,
89.1907

■ 30.8930, 24.6482,
87.9245

■ 25.4044, 17.9952,
86.9296

■ 21.3456, 13.0355,
86.1862

■ 18.5834, 9.6163,
85.6718

■ 16.9599, 7.5570,
85.3599

■ 16.2759, 6.6671,
85.2242

Harmonies

Analogous

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



66.1164, 70.6957, 95.6799



69.3094, 70.6957, 94.7867



72.0145, 70.6957, 88.9148

Triad

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



69.3094, 70.6957, 94.7867



71.2430, 70.6957, 64.2605



61.3111, 70.6957, 73.9140

Complementary

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



69.3094, 70.6957, 94.7867



81.1093, 87.5163, 77.5845

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.



62.5939, 70.6957, 66.1561



69.3094, 70.6957, 94.7867



68.2835, 70.6957, 60.8831

Square

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



69.3094, 70.6957, 94.7867



73.1552, 70.6957, 71.1344



65.1224, 70.6957, 61.5484



61.5661, 70.6957, 83.1281

Rectangle

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



69.3094, 70.6957, 94.7867



73.1450, 70.6957, 83.2081



65.1224, 70.6957, 61.5484



61.5752, 70.6957, 71.0624

Sweetspot

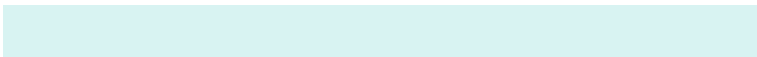
The Sweet Spot groups the original color and five complimentary colors.



69.3115, 70.6987, 94.7883



89.9864, 93.9679, 108.0026



76.3452, 85.0912, 96.1306



18.9784, 19.7765, 23.0669



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.



69.3115, 70.6987, 94.7883



74.5377, 75.5448, 105.2608



72.7773, 72.1027, 94.8766



15.6305, 16.0253, 20.8119



8.9539, 3.7017, 46.7806



0.8040, 0.3594, 4.1172

Inverse Universe

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



74.0441, 73.1777, 75.8712



80.6517, 78.7550, 80.8201



77.3531, 86.0243, 77.4945



16.5241, 16.4925, 17.2404



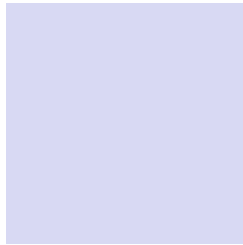
20.3240, 10.4731, 1.1489



1.7949, 0.9239, 0.1463

Previews

White Background



This preview shows how the XYZ color 69.3094, 70.6957, 94.7867 looks on a white background.

Color Contrast Check

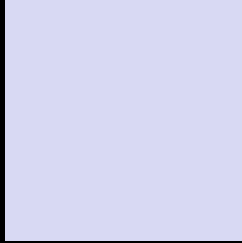
Large Text (above 18pt) WCAG AA × Fail

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 69.3094, 70.6957, 94.7867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

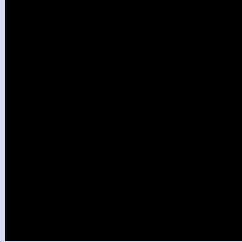
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3094, 70.6957, 94.7867

Background



This preview shows how black text looks on a background with the XYZ color 69.3094, 70.6957, 94.7867.

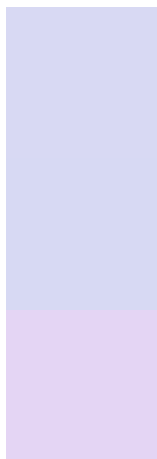


This preview shows how white text looks on a background with the XYZ color 69.3094, 70.6957,

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

69.3094, 70.6957, 94.7867

Protanopia

69.0148, 70.5438, 94.7729

Deuteranopia

72.1183, 70.6141, 95.4168



Tritanopia

68.2361, 70.6460, 89.3965

Trichromacy



Original Color

69.3094, 70.6957, 94.7867

Protanomaly

69.0148, 70.5438, 94.7729

Deuteranomaly

71.1162, 70.4721, 95.4422

Tritanomaly

68.6757, 70.8219, 91.7117

Monochromacy



Original Color

69.3094, 70.6957, 94.7867

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.5485, 71.3245, 83.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3094, 70.6957, 94.7867 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(216, 217, 243) looks like.

```
.text, #text, p{  
    color:rgb(216, 217, 243)  
}
```

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(216, 217, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 217, 243) }
```

Border

The CSS property to change the border of an element to XYZ 69.3094, 70.6957, 94.7867 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(216, 217, 243) }
```


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

```
.border{ border-color:rgb(216, 217, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 217, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 217, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 217, 243); box-shadow:4px 4px 4px 4px rgb(216, 217, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3094, 70.6957, 94.7867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 217, 243) }
```

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

```
.background{ background-color: rgb(216,  
217, 243) }
```

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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