

Converting Colors

XYZ(69.7699, 72.4826, 94.3622)

Have a look what the booklet for
XYZ(69.7699, 72.4826, 94.3622)
contains.

XYZ(69.9078, 72.5708, 94.3274)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.9078, 72.5708,
94.3274)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DDF2
RGB	215, 221, 242
RGB Percent	84%, 87%, 95%
CMY	0.1569, 0.1333, 0.0510
CMYK	0.11, 0.09, 0.00, 0.05
HSL	227°, 51%, 90%
HSV	227°, 11%, 95%
XYZ	69.9078, 72.5708, 94.3274
YIQ	221.6000, -10.3170, 5.2590

Conversions

Conversions Part 2

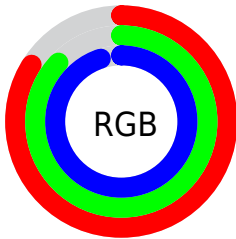
Format	Color
R _Y B	215, 220, 242
Decimal	14147058
CIE Lab	88.24, 2.01, -10.93
CIE LCh	88, 11.114, 280.438
Yxy	72.5708, 0.2952, 0.3065
Android (android.graphics.Color)	4292337138 (0xFFD7DDF2)
YUV	221.6000, 10.0572, -5.7882
Hunter-Lab	85.1885, -2.5983, -6.0186

Details

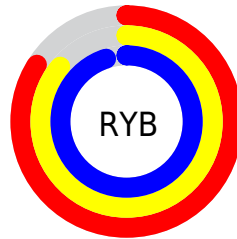
The XYZ color **69.9078, 72.5708, 94.3274** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.8795, 83.7739, 76.3040**, and the grayscale version is **69.0875, 72.6854, 79.1544**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9963, 38.2912, 51.8954** is the 20% darker color. If you saturate the color by 10%, you get **58.6274, 59.7897, 92.4561**, and if you desaturate by 10%, it is **82.8006, 87.0138, 96.4368**.

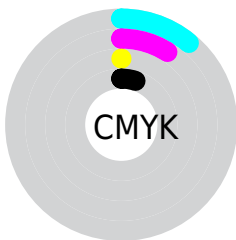
Distribution



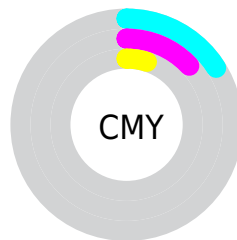
- Red (84%)
- Green (87%)
- Blue (95%)



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



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9078, 72.5708, 94.3274 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 69.9078, 72.5708, 94.3274 by changing the saturation by 10% instead.

■ 69.9078, 72.5708,
94.3274

■ 69.9078, 72.5708,
94.3274

449.4977,
469.5259, 562.9387

■ 51.7307, 53.6251,
70.9815

118.1042,
122.8677, 155.3226

■ 37.0139, 38.3020,
51.8454

148.8543,
154.9877, 193.8090

■ 25.3919, 26.2172,
36.5004

184.5261,
192.2679, 238.1794

■ 16.4996, 16.9862,
24.5282

225.4849,
235.0927, 288.8522

■ 9.9714, 10.2246,
15.5101

272.0961,
283.8465, 346.2459

■ 5.4422, 5.5482,
9.0276

324.7250,

■ 2.5464, 2.5723,

338.9137, 410.7793

4.6621

383.7371,
400.6787, 482.8707

■ 0.9187, 0.9128,
1.9952

■ 0.0000, 0.0000,
0.5523

■ 69.9078, 72.5708,
94.3274

■ 69.9078, 72.5708,
94.3274

■ 58.6274, 59.7897,
92.4561

■ 82.8006, 87.0138,
96.4368

■ 48.8886, 48.6012,
90.8098

■ 93.0272, 99.1909,
98.2482

■ 40.6250, 38.9442,
89.3813

■ 33.7627, 30.7502,
88.1614

■ 28.2209, 23.9454,
87.1400

■ 23.9105, 18.4492,
86.3063

■ 20.7308, 14.1720,
85.6483

■ 18.5634, 11.0114,
85.1525

■ 17.3374, 9.0312,
84.8349

Harmonies

Analogous

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



67.2768, 72.5708, 93.6499



69.9078, 72.5708, 94.3274



72.3497, 72.5708, 90.7071

Triad

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



69.9078, 72.5708, 94.3274



72.9457, 72.5708, 69.8858



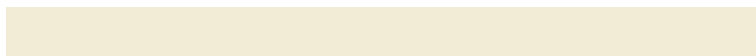
64.2651, 72.5708, 74.2102

Complementary

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



69.9078, 72.5708, 94.3274



78.8795, 83.7739, 76.3040

Split Complementary

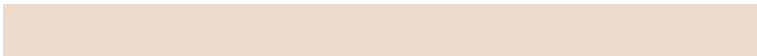
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.7095, 72.5708, 68.3775



69.9078, 72.5708, 94.3274



70.7043, 72.5708, 65.9942

Square

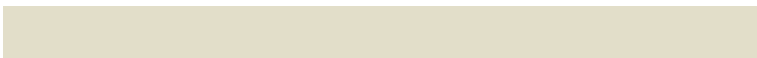
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9078, 72.5708, 94.3274



74.1334, 72.5708, 76.3913



68.0532, 72.5708, 65.4604



64.0643, 72.5708, 81.7028

Rectangle

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



69.9078, 72.5708, 94.3274



73.5248, 72.5708, 86.4720



68.0532, 72.5708, 65.4604



64.6195, 72.5708, 72.0037

Sweetspot

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



69.9100, 72.5738, 94.3290



90.4227, 94.8407, 108.1480



74.8745, 83.9913, 91.3954



19.0956, 20.0110, 23.1060



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.



69.9100, 72.5738, 94.3290



76.2086, 78.8866, 105.8178



70.5143, 70.5743, 93.9112



15.1823, 15.7986, 19.9709



9.3966, 5.0175, 45.6011



0.8535, 0.5611, 3.8175

Inverse Universe

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



73.9712, 72.7002, 78.5440



81.4951, 79.0924, 85.2613



78.2140, 86.0399, 76.7764



15.9167, 15.8164, 17.1175



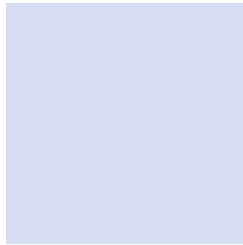
20.0686, 10.2999, 3.0118



1.7058, 0.8714, 0.4415

Previews

White Background



This preview shows how the XYZ color 69.9078, 72.5708, 94.3274 looks on a white background.

Color Contrast Check

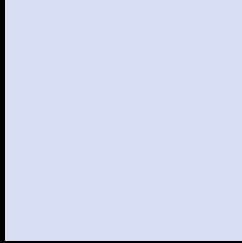
Large Text (above 18pt) WCAG AA × Fail

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 69.9078, 72.5708, 94.3274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

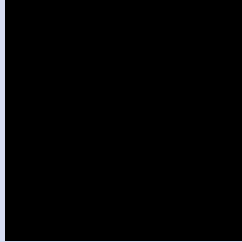
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9078, 72.5708, 94.3274

Background



This preview shows how black text looks on a background with the XYZ color 69.9078, 72.5708, 94.3274.



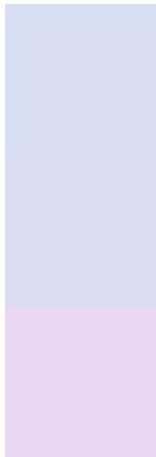
This preview shows how white text looks on a background with the XYZ color 69.9078, 72.5708,

94.3274.

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

69.9078, 72.5708, 94.3274

Protanopia

70.6838, 72.5973, 93.5063

Deuteranopia

74.0824, 72.3956, 94.8632



Tritanopia

69.1680, 72.2410, 91.9597

Trichromacy



Original Color

69.9078, 72.5708, 94.3274

Protanomaly

70.3838, 72.4427, 93.4923

Deuteranomaly

72.3545, 72.2655, 94.9292

Tritanomaly

69.3162, 72.3003, 92.7401

Monochromacy



Original Color

69.9078, 72.5708, 94.3274

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.4776, 72.9598, 84.5495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9078, 72.5708, 94.3274 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(215, 221, 242) looks like.

```
.text, #text, p{  
    color:rgb(215, 221, 242)  
}
```

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(215, 221, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 221, 242) }
```

Border

The CSS property to change the border of an element to XYZ 69.9078, 72.5708, 94.3274 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(215, 221, 242) }
```


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

```
.border{ border-color:rgb(215, 221, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 221, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 221, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 221, 242);  
box-shadow:4px 4px 4px 4px rgb(215, 221,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9078, 72.5708, 94.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 221, 242) }
```

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

```
.background{ background-color: rgb(215,  
221, 242) }
```

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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