

Converting Colors

XYZ(70.6858, 74.1785, 90.1031)

Have a look what the booklet for
XYZ(70.6858, 74.1785, 90.1031)
contains.

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Color

**XYZ(70.7094, 74.2729,
89.9662)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE0EC
RGB	218, 224, 236
RGB Percent	85%, 88%, 93%
CMY	0.1451, 0.1215, 0.0745
CMYK	0.08, 0.05, 0.00, 0.07
HSL	220°, 32%, 89%
HSV	220°, 8%, 93%
XYZ	70.7094, 74.2729, 89.9662
YIQ	223.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

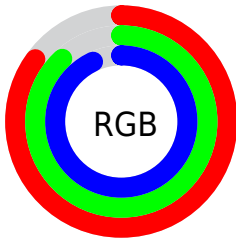
Format	Color
R _Y B	218, 223, 236
Decimal	14344428
CIE Lab	89.05, 0.25, -6.55
CIE LCh	89, 6.555, 272.153
Yxy	74.2729, 0.3010, 0.3161
Android (android.graphics.Color)	4292534508 (0xFFDAE0EC)
YUV	223.5740, 6.1260, -4.8884
Hunter-Lab	86.1817, -4.3644, -1.5664

Details

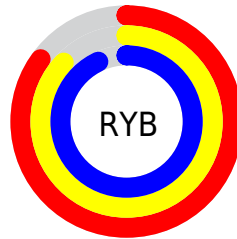
The XYZ color **70.7094, 74.2729, 89.9662** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5439, 79.4877, 77.6919**, and the grayscale version is **70.5109, 74.1830, 80.7853**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5304, 39.4578, 48.8181** is the 20% darker color. If you saturate the color by 10%, you get **60.1152, 62.8255, 88.3161**, and if you desaturate by 10%, it is **82.7038, 87.0267, 91.7969**.

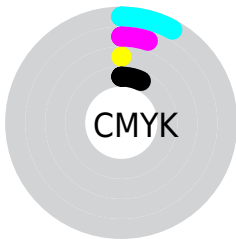
Distribution



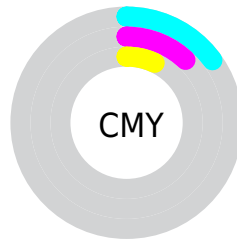
- Red (85%)
- Green (88%)
- Blue (93%)



- Red (85%)
- Yellow (87%)
- Blue (93%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7094, 74.2729, 89.9662 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 70.7094, 74.2729, 89.9662 by changing the saturation by 10% instead.

70.7094, 74.2729,
89.9662

70.7094, 74.2729,
89.9662

452.2646,
475.4147, 548.4882

52.3868, 55.0174,
67.3791

119.2406,
125.2826, 149.2266

37.5390, 39.4157,
48.9292

150.1799,
157.8056, 186.7368

25.8006, 27.0832,
34.1981

186.0555,
195.5199, 230.0586

16.8065, 17.6358,
22.7672

227.2326,
238.8099, 279.6103

10.1910, 10.6888,
14.2181

274.0768,
288.0600, 335.8106

5.5890, 5.8580,
8.1320

326.9532,

2.6351, 2.7589,

343.6545, 399.0780

4.0905

386.2274,
405.9780, 469.8310

■ 0.9639, 1.0072,
1.6751

■ 0.0000, 0.0000,
0.3436

■ 70.7094, 74.2729,
89.9662

■ 70.7094, 74.2729,
89.9662

■ 60.1152, 62.8255,
88.3161

■ 82.7038, 87.0267,
91.7969

■ 50.8621, 52.6322,
86.8363

■ 92.1405, 98.8362,
93.5790

■ 42.8957, 43.6508,
85.5226

■ 36.1559, 35.8330,
84.3689

■ 30.5769, 29.1271,
83.3685

■ 26.0869, 23.4770,
82.5146

■ 22.6048, 18.8208,
81.7994

■ 20.0371, 15.0886,
81.2144

■ 18.2617, 12.1946,
80.7493

Harmonies

Analogous

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



69.1717, 74.2729, 88.8855



70.7094, 74.2729, 89.9662



72.2384, 74.2729, 88.5347

Triad

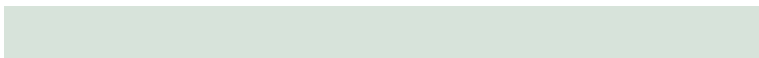
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.7094, 74.2729, 89.9662



73.2218, 74.2729, 76.2871



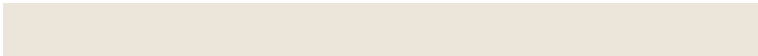
67.9178, 74.2729, 76.8379

Complementary

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



70.7094, 74.2729, 89.9662



75.5439, 79.4877, 77.6919

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.



68.9751, 74.2729, 73.6620



70.7094, 74.2729, 89.9662



72.0360, 74.2729, 73.3525

Square

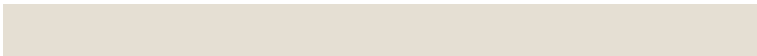
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7094, 74.2729, 89.9662



73.7025, 74.2729, 80.5412



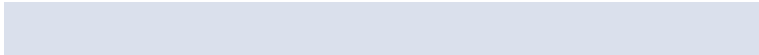
70.4791, 74.2729, 72.4096



67.5745, 74.2729, 81.2009

Rectangle

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



70.7094, 74.2729, 89.9662



73.0430, 74.2729, 86.3785



70.4791, 74.2729, 72.4096



68.2007, 74.2729, 75.6019

Sweetspot

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



70.7116, 74.2760, 89.9678



92.1237, 96.8960, 108.4551



73.1509, 80.5939, 86.3441



19.7490, 20.7723, 23.2185



0.0000, 0.0000, 0.0000



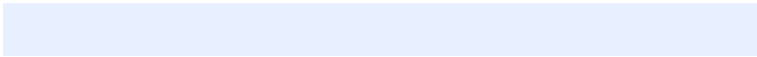
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.7116, 74.2760, 89.9678



82.4181, 86.5306, 106.9659



69.9404, 71.5253, 89.4775



14.6417, 15.3698, 19.1172



9.9818, 6.6106, 44.4928



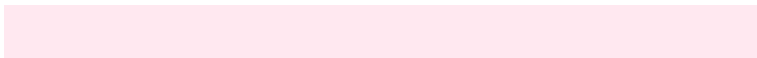
0.8694, 0.6902, 3.5223

Inverse Universe

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



73.1197, 73.3589, 80.8306



85.7950, 85.2751, 94.1460



76.3538, 82.4283, 78.2168



15.2727, 15.1369, 16.7213



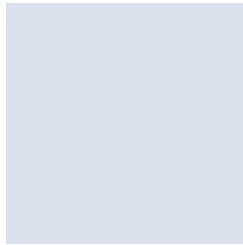
19.8936, 10.1601, 5.2413



1.6053, 0.8151, 0.6390

Previews

White Background



This preview shows how the XYZ color 70.7094, 74.2729, 89.9662 looks on a white background.

Color Contrast Check

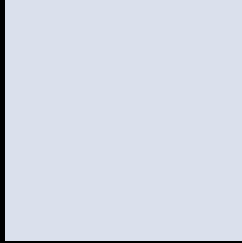
Large Text (above 18pt) WCAG AA × Fail

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 70.7094, 74.2729, 89.9662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

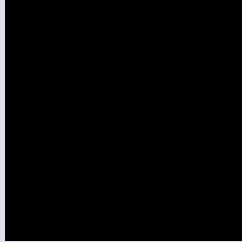
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7094, 74.2729, 89.9662

Background



This preview shows how black text looks on a background with the XYZ color 70.7094, 74.2729, 89.9662.



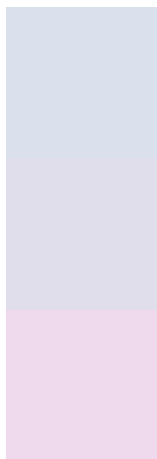
This preview shows how white text looks on a background with the XYZ color 70.7094, 74.2729,

89.9662.

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

70.7094, 74.2729, 89.9662

Protanopia

71.8571, 74.0880, 89.1104

Deuteranopia

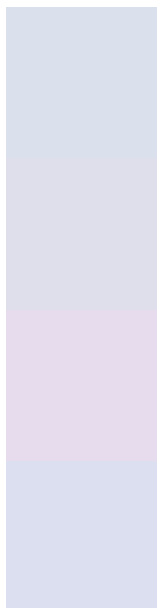
75.6955, 74.0909, 90.4321



Tritanopia

71.4783, 74.1863, 93.7712

Trichromacy



Original Color

70.7094, 74.2729, 89.9662

Protanomaly

71.5073, 74.3031, 89.1704

Deuteranomaly

73.8343, 74.2897, 90.5686

Tritanomaly

71.1811, 74.0674, 92.2062

Monochromacy



Original Color

70.7094, 74.2729, 89.9662

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.7834, 74.4423, 84.0369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7094, 74.2729, 89.9662 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, 224, 236) looks like.

```
.text, #text, p{  
    color:rgb(218, 224, 236)  
}
```

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, 224, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 224, 236) }
```

Border

The CSS property to change the border of an element to XYZ 70.7094, 74.2729, 89.9662 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, 224, 236) }
```


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

```
.border{ border-color:rgb(218, 224, 236) }
```

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

Here you see how a box with a 4 pixel rgb(218, 224, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 224, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 224, 236);  
box-shadow:4px 4px 4px 4px rgb(218, 224,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7094, 74.2729, 89.9662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 224, 236) }
```

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

```
.background{ background-color: rgb(218,  
224, 236) }
```

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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