

Converting Colors

XYZ(71.3489, 75.0133, 91.5210)

Have a look what the booklet for
XYZ(71.3489, 75.0133, 91.5210)
contains.

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Color

**XYZ(71.2713, 74.9289,
91.5952)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE1EE
RGB	218, 225, 238
RGB Percent	85%, 88%, 93%
CMY	0.1451, 0.1176, 0.0667
CMYK	0.08, 0.05, 0.00, 0.07
HSL	219°, 37%, 89%
HSV	219°, 8%, 93%
XYZ	71.2713, 74.9289, 91.5952
YIQ	224.3890, -8.3450, 2.5590

Conversions

Conversions Part 2

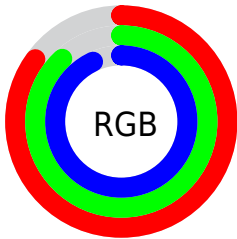
Format	Color
R _Y B	218, 223, 238
Decimal	14344686
CIE Lab	89.36, 0.11, -7.14
CIE LCh	89, 7.146, 270.914
Yxy	74.9289, 0.2997, 0.3151
Android (android.graphics.Color)	4292534766 (0xFFDAE1EE)
YUV	224.3890, 6.7102, -5.6032
Hunter-Lab	86.5615, -4.5128, -2.1448

Details

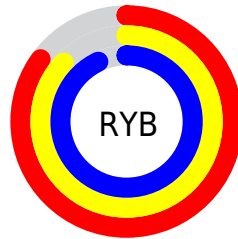
The XYZ color **71.2713, 74.9289, 91.5952** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4910, 80.3904, 77.8165**, and the grayscale version is **71.0894, 74.7915, 81.4480**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9225, 39.9134, 49.9613** is the 20% darker color. If you saturate the color by 10%, you get **60.6657, 63.5350, 89.9561**, and if you desaturate by 10%, it is **83.2820, 87.6135, 93.4117**.

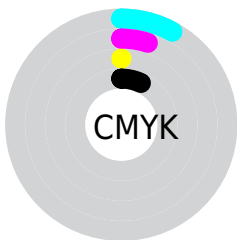
Distribution



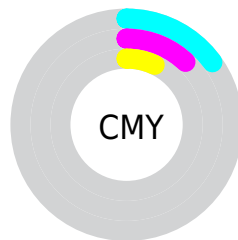
- Red (85%)
- Green (88%)
- Blue (93%)



- 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 71.2713, 74.9289, 91.5952 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 71.2713, 74.9289, 91.5952 by changing the saturation by 10% instead.

■ 71.2713, 74.9289,
91.5952

■ 71.2713, 74.9289,
91.5952

454.1984,
477.6732, 553.9099

■ 52.8470, 55.5546,
68.7233

120.0364,
126.2117, 151.5070

■ 37.9076, 39.8460,
50.0160

151.1078,
158.8891, 189.3841

■ 26.0879, 27.4185,
35.0549

187.1256,
196.7696, 233.0999

■ 17.0224, 17.8878,
23.4213

228.4552,
240.2376, 283.0731

■ 10.3459, 10.8694,
14.6967

275.4619,
289.6776, 339.7221

■ 5.6929, 5.9791,
8.4625

328.5111,

■ 2.6981, 2.8324,

345.4739, 403.4656

4.3003

387.9682,
408.0110, 474.7220

■ 0.9962, 1.0449,
1.7915

■ 0.0000, 0.0000,
0.4223

■ 71.2713, 74.9289,
91.5952

■ 71.2713, 74.9289,
91.5952

■ 60.6657, 63.5350,
89.9561

■ 83.2820, 87.6135,
93.4117

■ 51.4053, 53.3799,
88.4840

■ 92.4328, 98.9531,
95.1182

■ 43.4354, 44.4220,
87.1751

■ 36.6949, 36.6136,
86.0231

■ 31.1174, 29.9035,
85.0219

■ 26.6297, 24.2360,
84.1645

■ 23.1496, 19.5498,
83.4434

■ 20.5813, 15.7753,
82.8502

■ 18.7929, 12.8227,
82.3746

Harmonies

Analogous

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



69.5959, 74.9289, 90.2912



71.2713, 74.9289, 91.5952



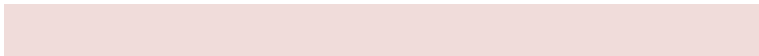
72.9588, 74.9289, 90.1270

Triad

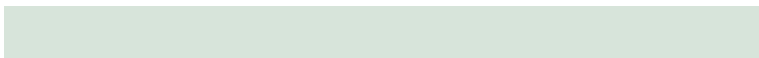
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2713, 74.9289, 91.5952



74.1410, 74.9289, 76.7378



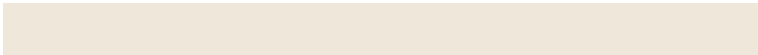
68.3200, 74.9289, 76.9934

Complementary

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



71.2713, 74.9289, 91.5952



76.4910, 80.3904, 77.8165

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.



69.5045, 74.9289, 73.6002



71.2713, 74.9289, 91.5952



72.8645, 74.9289, 73.4570

Square

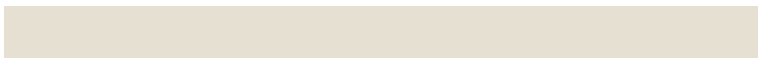
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2713, 74.9289, 91.5952



74.6322, 74.9289, 81.4314



71.1641, 74.9289, 72.3318



67.9089, 74.9289, 81.7385

Rectangle

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



71.2713, 74.9289, 91.5952



73.8591, 74.9289, 87.8070



71.1641, 74.9289, 72.3318



68.6400, 74.9289, 75.6638

Sweetspot

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



71.2735, 74.9321, 91.5969



90.7259, 95.4469, 108.2491



73.8660, 81.8065, 87.2530



19.1772, 20.1741, 23.1332



0.0000, 0.0000, 0.0000



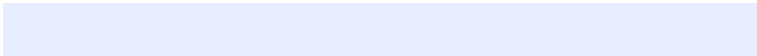
20.3446, 21.4041, 23.3091

Same Dimension

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



71.2735, 74.9321, 91.5969



81.2225, 85.3596, 106.8029



70.2228, 71.6372, 91.0163



15.3500, 16.1341, 20.0268



10.4596, 7.1435, 45.9554



0.9602, 0.7743, 3.8531

Inverse Universe

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



73.9236, 73.7578, 81.5783



84.8936, 83.7740, 92.9155



77.6017, 83.9312, 78.4414



16.0013, 15.8502, 17.5633



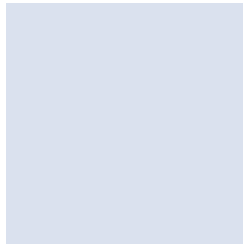
20.6051, 10.5145, 5.8373



1.7596, 0.8929, 0.7249

Previews

White Background



This preview shows how the XYZ color 71.2713, 74.9289, 91.5952 looks on a white background.

Color Contrast Check

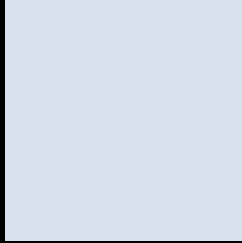
Large Text (above 18pt) WCAG AA × Fail

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 71.2713, 74.9289, 91.5952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

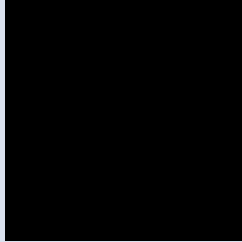
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

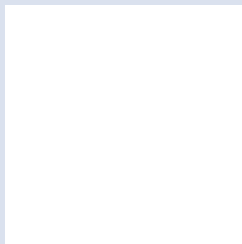
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2713, 74.9289, 91.5952

Background



This preview shows how black text looks on a background with the XYZ color 71.2713, 74.9289, 91.5952.



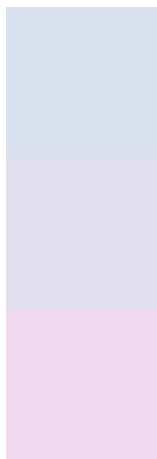
This preview shows how white text looks on a background with the XYZ color 71.2713, 74.9289,

91.5952.

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

71.2713, 74.9289, 91.5952

Protanopia

72.7251, 74.8973, 90.7444

Deuteranopia

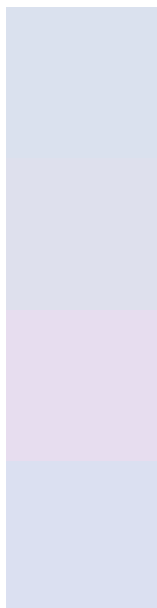
76.2480, 74.7255, 92.0661



Tritanopia

71.8961, 74.7822, 94.6495

Trichromacy



Original Color

71.2713, 74.9289, 91.5952

Protanomaly

72.0659, 74.9553, 90.7903

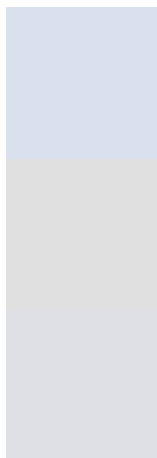
Deuteranomaly

74.3914, 74.9338, 92.2042

Tritanomaly

71.7463, 74.7223, 93.8605

Monochromacy



Original Color

71.2713, 74.9289, 91.5952

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.9227, 74.4980, 84.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2713, 74.9289, 91.5952 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, 225, 238) looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 238)  
}
```

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, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 238) }
```

Border

The CSS property to change the border of an element to XYZ 71.2713, 74.9289, 91.5952 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, 225, 238) }
```


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

```
.border{ border-color:rgb(218, 225, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 225, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 225, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 225, 238);  
box-shadow:4px 4px 4px 4px rgb(218, 225,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2713, 74.9289, 91.5952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 238) }
```

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

```
.background{ background-color: rgb(218,  
225, 238) }
```

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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