

Converting Colors

XYZ(70.9478, 74.0463, 92.2149)

Have a look what the booklet for
XYZ(70.9478, 74.0463, 92.2149)
contains.

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Color

**XYZ(70.8811, 73.9128,
92.1921)**

Conversions

Conversions Part 1

Format	Color
Hex	DADFEF
RGB	218, 223, 239
RGB Percent	85%, 87%, 94%
CMY	0.1451, 0.1255, 0.0627
CMYK	0.09, 0.07, 0.00, 0.06
HSL	226°, 40%, 90%
HSV	226°, 9%, 94%
XYZ	70.8811, 73.9128, 92.1921
YIQ	223.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

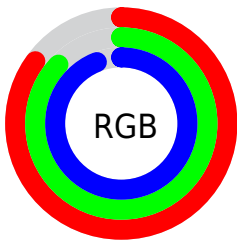
Format	Color
R _Y B	218, 222, 239
Decimal	14344175
CIE Lab	88.88, 1.35, -8.38
CIE LCh	89, 8.486, 279.124
Yxy	73.9128, 0.2991, 0.3119
Android (android.graphics.Color)	4292534255 (0xFFDADFEF)
YUV	223.3290, 7.7258, -4.6735
Hunter-Lab	85.9726, -3.2855, -3.3985

Details

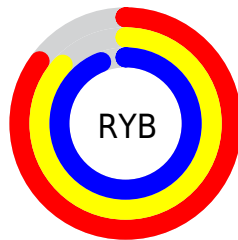
The XYZ color **70.8811, 73.9128, 92.1921** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.6745, 82.2576, 78.1144**, and the grayscale version is **70.3259, 73.9883, 80.5732**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6541, 39.2107, 50.3836** is the 20% darker color. If you saturate the color by 10%, you get **59.6378, 61.2816, 90.3478**, and if you desaturate by 10%, it is **83.6823, 88.1276, 94.2623**.

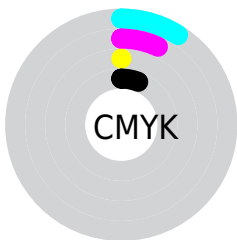
Distribution



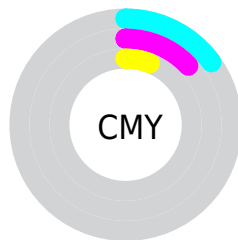
- Red (85%)
- Green (87%)
- Blue (94%)



- Red (85%)
- Yellow (87%)
- Blue (94%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8811, 73.9128, 92.1921 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 70.8811, 73.9128, 92.1921 by changing the saturation by 10% instead.

■ 70.8811, 73.9128,
92.1921

■ 70.8811, 73.9128,
92.1921

452.8560,
474.1724, 555.8892

■ 52.5274, 54.7227,
69.2163

119.4838,
124.7722, 152.3416

■ 37.6516, 39.1797,
50.4150

150.4636,
157.2102, 190.3524

■ 25.8883, 26.8996,
35.3698

186.3826,
194.8330, 234.2119

■ 16.8724, 17.4978,
23.6620

227.6064,
238.0250, 284.3386

■ 10.2383, 10.5901,
14.8732

274.5003,
287.1705, 341.1512

■ 5.6207, 5.7919,
8.5848

327.4296,

■ 2.6543, 2.7190,

342.6540, 405.0681

4.3783

386.7597,
404.8598, 476.5080

■ 0.9737, 0.9868,
1.8351

■ 0.0000, 0.0000,
0.4509

■ 70.8811, 73.9128,
92.1921

■ 70.8811, 73.9128,
92.1921

■ 59.6378, 61.2816,
90.3478

■ 83.6823, 88.1276,
94.2623

■ 49.8856, 50.1691,
88.7168

■ 92.5802, 99.0121,
95.8942

■ 41.5623, 40.5194,
87.2929

■ 34.5986, 32.2699,
86.0676

■ 28.9195, 25.3528,
85.0318

■ 24.4422, 19.6948,
84.1757

■ 21.0737, 15.2147,
83.4885

■ 18.7060, 11.8205,
82.9582

■ 17.1884, 9.3945,
82.5699

Harmonies

Analogous

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



68.8515, 73.9128, 91.5362



70.8811, 73.9128, 92.1921



72.7780, 73.9128, 89.5925

Triad

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



70.8811, 73.9128, 92.1921



73.3661, 73.9128, 73.5386



66.6198, 73.9128, 76.5079

Complementary

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



70.8811, 73.9128, 92.1921



77.6745, 82.2576, 78.1144

Split Complementary

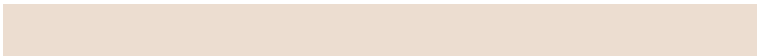
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7849, 73.9128, 72.0045



70.8811, 73.9128, 92.1921



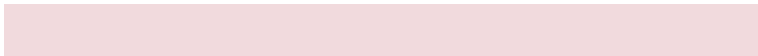
71.6712, 73.9128, 70.3492

Square

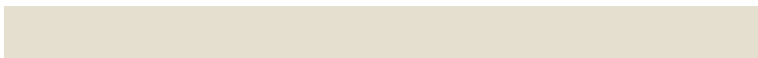
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8811, 73.9128, 92.1921



74.2310, 73.9128, 78.6952



69.6264, 73.9128, 69.8016



66.4176, 73.9128, 82.2885

Rectangle

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



70.8811, 73.9128, 92.1921



73.7025, 73.9128, 86.4344



69.6264, 73.9128, 69.8016



66.9107, 73.9128, 74.8027

Sweetspot

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



70.8833, 73.9159, 92.1937



90.4604, 94.9160, 108.1606



74.5965, 82.5658, 89.6600



19.1058, 20.0312, 23.1094



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.



70.8833, 73.9159, 92.1937



79.0313, 82.1797, 106.3046



71.1612, 72.1039, 91.8293



15.2030, 15.8401, 19.9778



9.5010, 5.2263, 45.6359



0.8649, 0.5838, 3.8213

Inverse Universe

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



73.9890, 73.8228, 80.1653



83.4940, 82.0903, 89.0102



77.3722, 84.2463, 78.5142



15.9271, 15.8206, 17.1726



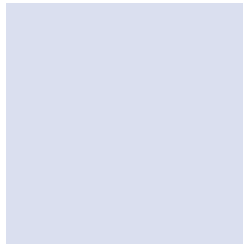
20.1213, 10.3209, 3.2893



1.7115, 0.8736, 0.4717

Previews

White Background



This preview shows how the XYZ color 70.8811, 73.9128, 92.1921 looks on a white background.

Color Contrast Check

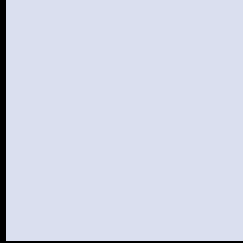
Large Text (above 18pt) WCAG AA × Fail

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 70.8811, 73.9128, 92.1921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

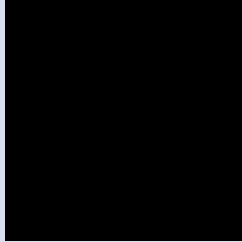
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8811, 73.9128, 92.1921

Background



This preview shows how black text looks on a background with the XYZ color 70.8811, 73.9128, 92.1921.

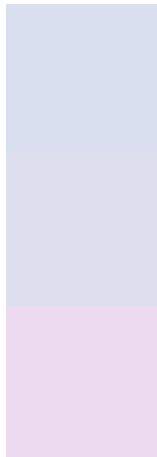


This preview shows how white text looks on a background with the XYZ color 70.8811, 73.9128,

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

70.8811, 73.9128, 92.1921

Protanopia

71.9853, 74.1036, 91.3983

Deuteranopia

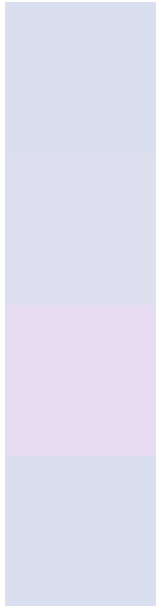
75.4661, 73.9215, 92.7289



Tritanopia

71.0293, 73.9720, 92.9725

Trichromacy



Original Color

70.8811, 73.9128, 92.1921

Protanomaly

71.3727, 73.7878, 91.3696

Deuteranomaly

73.6928, 73.7773, 92.7945

Tritanomaly

71.0293, 73.9720, 92.9725

Monochromacy



Original Color

70.8811, 73.9128, 92.1921

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.3493, 73.8046, 84.6667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8811, 73.9128, 92.1921 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, 223, 239)` looks like.

```
.text, #text, p{  
    color:rgb(218, 223, 239)  
}
```

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, 223, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 223, 239) }
```

Border

The CSS property to change the border of an element to XYZ 70.8811, 73.9128, 92.1921 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, 223, 239) }
```


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

```
.border{ border-color:rgb(218, 223, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 223, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 223, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 223, 239);  
box-shadow:4px 4px 4px 4px rgb(218, 223,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8811, 73.9128, 92.1921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 223, 239) }
```

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

```
.background{ background-color: rgb(218,  
223, 239) }
```

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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