

Converting Colors

XYZ(70.5400, 73.8453, 89.1602)

Have a look what the booklet for
XYZ(70.5400, 73.8453, 89.1602)
contains.

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Color

**XYZ(70.5965, 73.8336,
89.1277)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDFEB
RGB	219, 223, 235
RGB Percent	86%, 87%, 92%
CMY	0.1412, 0.1255, 0.0784
CMYK	0.07, 0.05, 0.00, 0.08
HSL	225°, 29%, 89%
HSV	225°, 7%, 92%
XYZ	70.5965, 73.8336, 89.1277
YIQ	223.1720, -6.2360, 2.8840

Conversions

Conversions Part 2

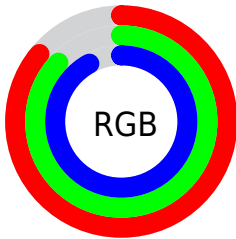
Format	Color
R _Y B	219, 222, 235
Decimal	14409707
CIE Lab	88.84, 0.90, -6.32
CIE LCh	89, 6.387, 278.096
Yxy	73.8336, 0.3023, 0.3161
Android (android.graphics.Color)	4292599787 (0xFFDBDFEB)
YUV	223.1720, 5.8312, -3.6588
Hunter-Lab	85.9265, -3.7172, -1.3503

Details

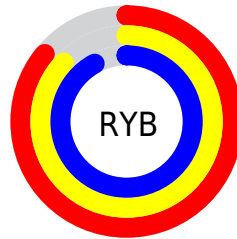
The XYZ color **70.5965, 73.8336, 89.1277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6232, 79.9278, 78.4609**, and the grayscale version is **70.2263, 73.8836, 80.4592**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4492, 39.1525, 48.2312** is the 20% darker color. If you saturate the color by 10%, you get **59.5547, 61.5144, 87.3330**, and if you desaturate by 10%, it is **83.1306, 87.6534, 91.1357**.

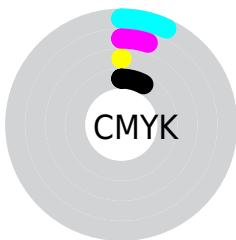
Distribution



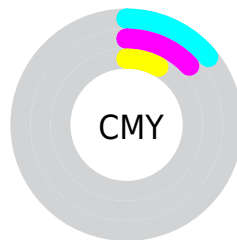
- Red (86%)
- Green (87%)
- Blue (92%)



- Red (86%)
- Yellow (87%)
- Blue (92%)



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



- Cyan (14%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5965, 73.8336, 89.1277 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 70.5965, 73.8336, 89.1277 by changing the saturation by 10% instead.

■ 70.5965, 73.8336,
89.1277

■ 70.5965, 73.8336,
89.1277

451.8755,
473.8989, 545.6859

■ 52.2943, 54.6579,
66.6878

119.0807,
124.6599, 148.0510

■ 37.4649, 39.1279,
48.3709

149.9933,
157.0792, 185.3715

■ 25.7430, 26.8592,
33.7586

185.8402,
194.6819, 228.4893

■ 16.7632, 17.4675,
22.4324

226.9867,
237.8523, 277.8228

■ 10.1600, 10.5684,
13.9736

273.7981,
286.9748, 333.7907

■ 5.5683, 5.7774,
7.9638

326.6398,

■ 2.6225, 2.7102,

342.4338, 396.8115

3.9843

385.8771,
404.6137, 467.3037

■ 0.9574, 0.9824,
1.6168

■ 0.0000, 0.0000,
0.3027

■ 70.5965, 73.8336,
89.1277

■ 70.5965, 73.8336,
89.1277

■ 59.5547, 61.5144,
87.3330

■ 83.1306, 87.6534,
91.1357

■ 49.9423, 50.6352,
85.7397

■ 91.9956, 98.7782,
92.8158

■ 41.7012, 41.1448,
84.3422

■ 34.7669, 32.9856,
83.1328

■ 29.0694, 26.0954,
82.1031

■ 24.5321, 20.4070,
81.2443

■ 21.0690, 15.8466,
80.5466

■ 18.5814, 12.3309,
79.9991

■ 16.9469, 9.7615,
79.5893

Harmonies

Analogous

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



69.0724, 73.8336, 88.5609



70.5965, 73.8336, 89.1277



72.0285, 73.8336, 87.2870

Triad

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



70.5965, 73.8336, 89.1277



72.5445, 73.8336, 75.2483



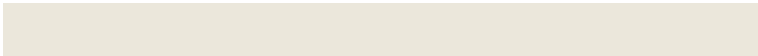
67.4519, 73.8336, 77.2548

Complementary

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



70.5965, 73.8336, 89.1277



75.6232, 79.9278, 78.4609

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.



68.3567, 73.8336, 73.8705



70.5965, 73.8336, 89.1277



71.2925, 73.8336, 72.7420

Square

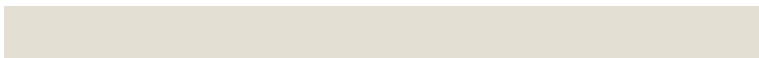
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.5965, 73.8336, 89.1277



73.1640, 73.8336, 79.1981



69.7584, 73.8336, 72.2471



67.2717, 73.8336, 81.5983

Rectangle

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



70.5965, 73.8336, 89.1277



72.7331, 73.8336, 84.9807



69.7584, 73.8336, 72.2471



67.6808, 73.8336, 75.9720

Sweetspot

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



70.5986, 73.8367, 89.1293



91.9907, 96.6300, 108.4108



73.3091, 80.2324, 87.0277



19.7219, 20.7182, 23.2095



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.



70.5986, 73.8367, 89.1293



83.2521, 86.9604, 107.0049



70.6775, 72.3082, 88.8301



14.5374, 15.1613, 19.0825



9.2955, 5.2381, 44.2641



0.8044, 0.5603, 3.5006

Inverse Universe

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



72.9134, 73.6544, 80.1895



86.5182, 86.7216, 94.3869



75.5368, 81.5657, 78.7816



15.2201, 15.1159, 16.4442



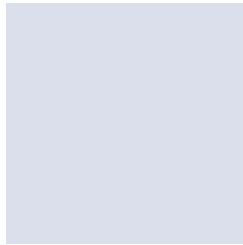
19.5473, 10.0216, 3.4173



1.5725, 0.8020, 0.4663

Previews

White Background



This preview shows how the XYZ color 70.5965, 73.8336, 89.1277 looks on a white background.

Color Contrast Check

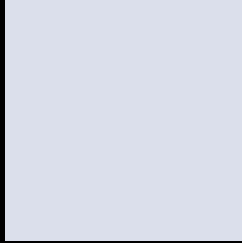
Large Text (above 18pt) WCAG AA × Fail

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 70.5965, 73.8336, 89.1277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

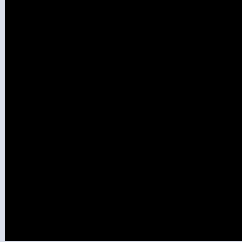
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

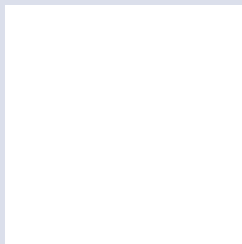
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5965, 73.8336, 89.1277

Background



This preview shows how black text looks on a background with the XYZ color 70.5965, 73.8336, 89.1277.

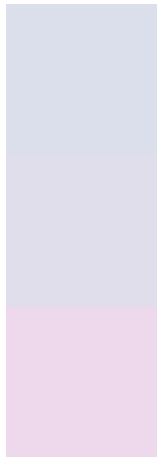


This preview shows how white text looks on a background with the XYZ color 70.5965, 73.8336,

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

70.5965, 73.8336, 89.1277

Protanopia

71.7130, 74.0304, 88.3515

Deuteranopia

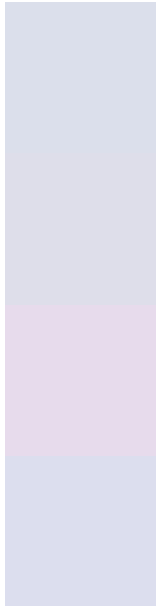
74.9561, 73.3450, 89.5633



Tritanopia

71.3647, 73.7495, 92.9118

Trichromacy



Original Color

70.5965, 73.8336, 89.1277

Protanomaly

71.0968, 73.7127, 88.3227

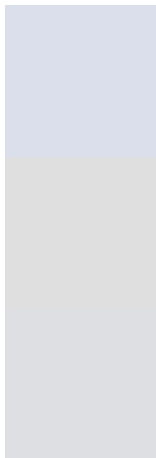
Deuteranomaly

73.4268, 73.7081, 89.7140

Tritanomaly

71.0691, 73.6312, 91.3554

Monochromacy



Original Color

70.5965, 73.8336, 89.1277

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.3770, 73.8510, 83.2184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5965, 73.8336, 89.1277 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(219, 223, 235) looks like.

```
.text, #text, p{  
    color:rgb(219, 223, 235)  
}
```

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(219, 223, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 223, 235) }
```

Border

The CSS property to change the border of an element to XYZ 70.5965, 73.8336, 89.1277 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(219, 223, 235) }
```


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

```
.border{ border-color:rgb(219, 223, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 223, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 223, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 223, 235);  
box-shadow:4px 4px 4px 4px rgb(219, 223,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5965, 73.8336, 89.1277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 223, 235) }
```

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

```
.background{ background-color: rgb(219,  
223, 235) }
```

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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