

Converting Colors

XYZ(71.7501, 75.1178, 88.2937)

Have a look what the booklet for
XYZ(71.7501, 75.1178, 88.2937)
contains.

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Color

**XYZ(71.9007, 75.3205,
88.5906)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE1EA
RGB	222, 225, 234
RGB Percent	87%, 88%, 92%
CMY	0.1294, 0.1176, 0.0823
CMYK	0.05, 0.04, 0.00, 0.08
HSL	225°, 22%, 89%
HSV	225°, 5%, 92%
XYZ	71.9007, 75.3205, 88.5906
YIQ	225.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

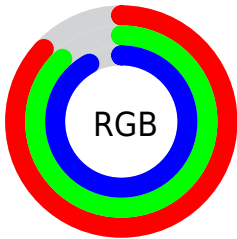
Format	Color
R _Y B	222, 224, 234
Decimal	14606826
CIE Lab	89.54, 0.66, -4.74
CIE LCh	90, 4.787, 277.894
Yxy	75.3205, 0.3049, 0.3194
Android (android.graphics.Color)	4292796906 (0xFFDEE1EA)
YUV	225.1290, 4.3734, -2.7441
Hunter-Lab	86.7874, -3.9961, 0.2293

Details

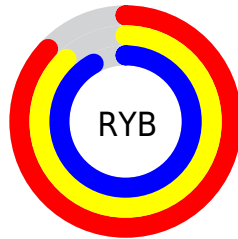
The XYZ color **71.9007, 75.3205, 88.5906** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6926, 79.9175, 80.5447**, and the grayscale version is **71.6346, 75.3651, 82.0726**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3470, 40.1793, 47.8538** is the 20% darker color. If you saturate the color by 10%, you get **60.7240, 62.8780, 86.7792**, and if you desaturate by 10%, it is **84.5638, 89.2568, 90.6143**.

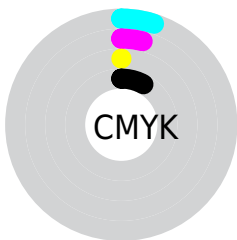
Distribution



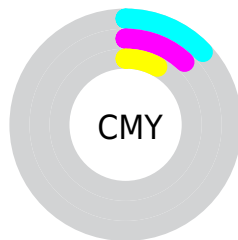
- Red (87%)
- Green (88%)
- Blue (92%)



- Red (87%)
- Yellow (88%)
- Blue (92%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9007, 75.3205, 88.5906 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 71.9007, 75.3205, 88.5906 by changing the saturation by 10% instead.

■ 71.9007, 75.3205,
88.5906

■ 71.9007, 75.3205,
88.5906

456.3589,
479.0184, 543.8867

■ 53.3627, 55.8755,
66.2452

120.9269,
126.7659, 147.2975

■ 38.3211, 40.1031,
48.0137

152.1459,
159.5352, 184.4960

■ 26.4103, 27.6189,
33.4777

188.3225,
197.5146, 227.4827

■ 17.2651, 18.0386,
22.2185

229.8222,
241.0886, 276.6760

■ 10.5202, 10.9777,
13.8177

277.0104,
290.6416, 332.4945

■ 5.8101, 6.0519,
7.8567

330.2523,

■ 2.7695, 2.8766,

346.5580, 395.3568

3.9169

389.9134,
409.2221, 465.6814

■ 1.0331, 1.0677,
1.5799

■ 0.0000, 0.0000,
0.2764

■ 71.9007, 75.3205,
88.5906

■ 71.9007, 75.3205,
88.5906

■ 60.7240, 62.8780,
86.7792

■ 84.5638, 89.2568,
90.6143

■ 50.9717, 51.8693,
85.1683

■ 91.8515, 98.7206,
92.0569

■ 42.5872, 42.2447,
83.7525

■ 35.5073, 33.9475,
82.5241

■ 29.6639, 26.9171,
81.4751

■ 24.9823, 21.0880,
80.5967

■ 21.3792, 16.3884,
79.8795

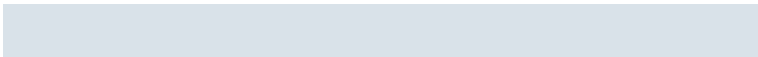
■ 18.7594, 12.7376,
79.3129

■ 17.0088, 10.0423,
78.8849

Harmonies

Analogous

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



70.7428, 75.3205, 88.1550



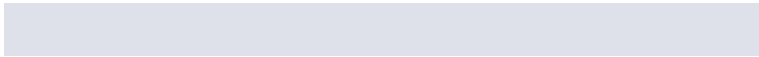
71.9007, 75.3205, 88.5906



72.9869, 75.3205, 87.2255

Triad

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



71.9007, 75.3205, 88.5906



73.3881, 75.3205, 78.0999



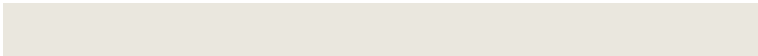
69.5164, 75.3205, 79.5996

Complementary

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



71.9007, 75.3205, 88.5906



75.6926, 79.9175, 80.5447

Split Complementary

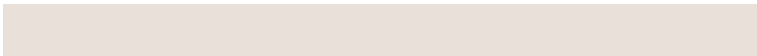
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.2108, 75.3205, 77.0090



71.9007, 75.3205, 88.5906



72.4437, 75.3205, 76.1597

Square

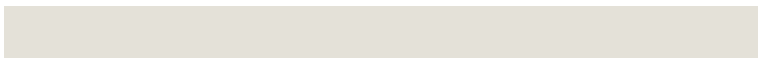
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9007, 75.3205, 88.5906



73.8518, 75.3205, 81.1255



71.2799, 75.3205, 75.7659



69.3746, 75.3205, 82.9033

Rectangle

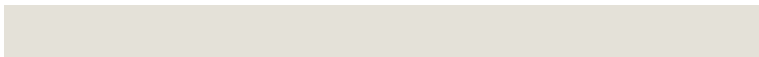
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9007, 75.3205, 88.5906



73.5213, 75.3205, 85.4994



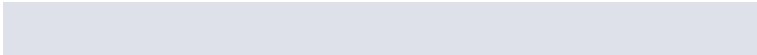
71.2799, 75.3205, 75.7659



69.6926, 75.3205, 78.6192

Sweetspot

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



71.9029, 75.3237, 88.5923



91.9908, 96.6302, 108.4108



73.9438, 80.1347, 87.0247



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.



71.9029, 75.3237, 88.5923



86.0926, 90.1113, 107.4634



71.9628, 74.1599, 88.3644



15.2464, 15.9486, 19.1971



9.2960, 5.2390, 44.2642



0.8045, 0.5604, 3.5006

Inverse Universe

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



73.6453, 75.1727, 81.8661



88.5696, 89.9068, 97.8993



75.6284, 81.1430, 80.7847



15.7318, 15.9099, 17.3223



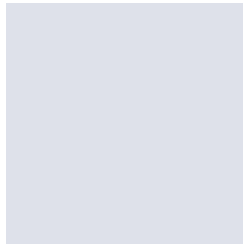
19.5475, 10.0217, 3.4185



1.5725, 0.8020, 0.4664

Previews

White Background



This preview shows how the XYZ color 71.9007, 75.3205, 88.5906 looks on a white background.

Color Contrast Check

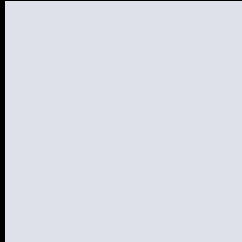
Large Text (above 18pt) WCAG AA × Fail

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 71.9007, 75.3205, 88.5906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

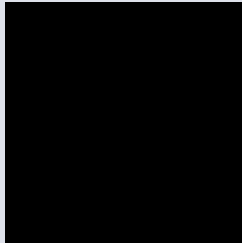
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

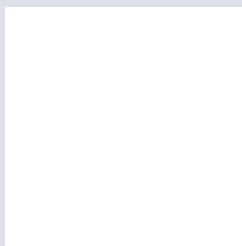
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9007, 75.3205, 88.5906

Background



This preview shows how black text looks on a background with the XYZ color 71.9007, 75.3205, 88.5906.

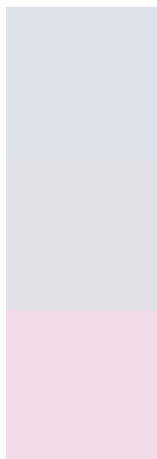


This preview shows how white text looks on a background with the XYZ color 71.9007, 75.3205,

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

71.9007, 75.3205, 88.5906

Protanopia

72.7277, 75.3633, 87.8042

Deuteranopia

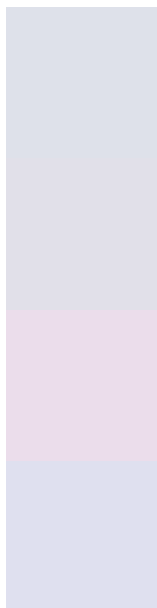
76.6847, 75.0182, 89.0355



Tritanopia

73.1141, 75.4101, 94.7065

Trichromacy



Original Color

71.9007, 75.3205, 88.5906

Protanomaly

72.4150, 75.2021, 87.7896

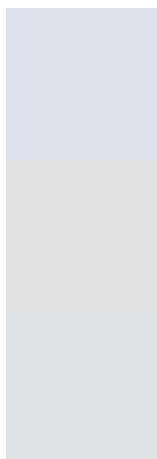
Deuteranomaly

75.1128, 75.3732, 89.1869

Tritanomaly

72.6671, 75.2313, 92.3525

Monochromacy



Original Color

71.9007, 75.3205, 88.5906

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.6693, 75.2992, 84.1556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9007, 75.3205, 88.5906 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(222, 225, 234) looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 234)  
}
```

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(222, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 234) }
```

Border

The CSS property to change the border of an element to XYZ 71.9007, 75.3205, 88.5906 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(222, 225, 234) }
```


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

```
.border{ border-color:rgb(222, 225, 234) }
```

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

Here you see how a box with a 4 pixel rgb(222, 225, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(222, 225,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9007, 75.3205, 88.5906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 234) }
```

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

```
.background{ background-color: rgb(222,  
225, 234) }
```

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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