

Converting Colors

XYZ(71.6880, 73.2950, 88.3541)

Have a look what the booklet for
XYZ(71.6880, 73.2950, 88.3541)
contains.

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Color

**XYZ(71.4958, 73.1345,
88.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DCEA
RGB	225, 220, 234
RGB Percent	88%, 86%, 92%
CMY	0.1176, 0.1372, 0.0823
CMYK	0.04, 0.06, 0.00, 0.08
HSL	261°, 25%, 89%
HSV	261°, 6%, 92%
XYZ	71.4958, 73.1345, 88.1900
YIQ	223.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

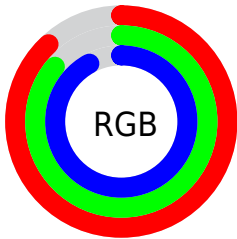
Format	Color
R _Y B	225, 220, 234
Decimal	14802154
CIE Lab	88.51, 4.24, -6.24
CIE LCh	89, 7.545, 304.238
Yxy	73.1345, 0.3071, 0.3141
Android (android.graphics.Color)	4292992234 (0xFFE1DCEA)
YUV	223.0910, 5.3781, 1.6742
Hunter-Lab	85.5187, -0.4272, -1.2789

Details

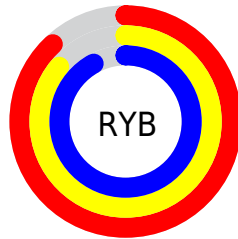
The XYZ color **71.4958, 73.1345, 88.1900** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6570, 80.6729, 79.3505**, and the grayscale version is **70.1695, 73.8238, 80.3941**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0686, 38.6707, 47.5772** is the 20% darker color. If you saturate the color by 10%, you get **61.2936, 59.3890, 86.0757**, and if you desaturate by 10%, it is **82.9752, 88.8185, 90.6134**.

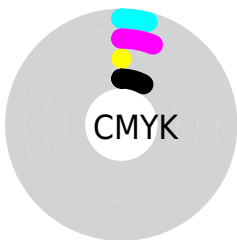
Distribution



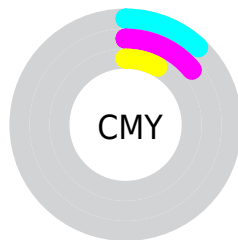
- Red (88%)
- Green (86%)
- Blue (92%)



- Red (88%)
- Yellow (86%)
- Blue (92%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4958, 73.1345, 88.1900 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 71.4958, 73.1345, 88.1900 by changing the saturation by 10% instead.

71.4958, 73.1345,
88.1900

71.4958, 73.1345,
88.1900

454.9697,
471.4808, 542.5427

53.0309, 54.0859,
65.9152

120.3541,
123.6681, 146.7351

38.0550, 38.6704,
47.7475

151.4782,
155.9220, 183.8425

26.2028, 26.5034,
33.2684

187.5528,
193.3464, 226.7312

17.1089, 17.2006,
22.0594

228.9431,
236.3258, 275.8197

10.4079, 10.3776,
13.7018

276.0146,
285.2446, 331.5265

5.7346, 5.6500,
7.7772

329.1327,

2.7235, 2.6335,

340.4870, 394.2703

3.8670

388.6626,
402.4377, 464.4695

■ 1.0093, 0.9435,
1.5527

■ 0.0000, 0.0000,
0.2567

■ 71.4958, 73.1345,
88.1900

■ 71.4958, 73.1345,
88.1900

■ 61.2936, 59.3890,
86.0757

■ 82.9752, 88.8185,
90.6134

■ 52.3162, 47.4963,
84.2533

■ 91.8515, 98.7206,
92.0569

■ 44.5167, 37.3777,
82.7113

■ 37.8425, 28.9454,
81.4355

■ 32.2370, 22.1039,
80.4104

■ 27.6379, 16.7478,
79.6190

■ 23.9760, 12.7585,
79.0419

■ 21.1718, 9.9981,
78.6569

■ 19.1292, 8.2973,
78.4363

Harmonies

Analogous

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



69.7706, 73.1345, 90.0288



71.4958, 73.1345, 88.1900



72.7054, 73.1345, 84.0582

Triad

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



71.4958, 73.1345, 88.1900



71.0413, 73.1345, 70.9579



66.0869, 73.1345, 80.3725

Complementary

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



71.4958, 73.1345, 88.1900



74.6570, 80.6729, 79.3505

Split Complementary

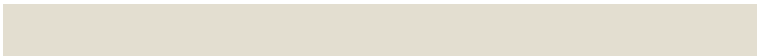
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4138, 73.1345, 75.3621



71.4958, 73.1345, 88.1900



69.2544, 73.1345, 70.0663

Square

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



71.4958, 73.1345, 88.1900



72.4398, 73.1345, 74.1347



67.5655, 73.1345, 71.6446



66.6645, 73.1345, 85.3925

Rectangle

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



71.4958, 73.1345, 88.1900



73.0454, 73.1345, 80.6396



67.5655, 73.1345, 71.6446



66.0947, 73.1345, 78.6309

Sweetspot

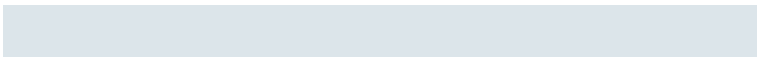
The Sweet Spot groups the original color and five complimentary colors.



71.4979, 73.1376, 88.1916



92.2483, 96.1724, 108.3089



72.4161, 77.2526, 88.9375



19.7743, 20.6250, 23.1887



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.



71.4979, 73.1376, 88.1916



85.5202, 87.0230, 106.8975



73.6930, 74.2692, 88.2943



15.1713, 15.3956, 19.0943



10.5012, 4.4495, 44.0483



0.9262, 0.4017, 3.4636

Inverse Universe

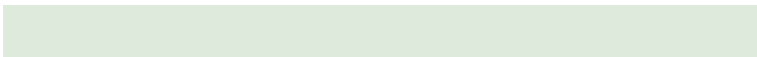
The Inverse Universe completely reimagines the original color for something new.



73.6704, 74.3393, 84.5987



88.6085, 88.7316, 101.7754



72.4985, 79.5602, 79.2495



15.7646, 15.7239, 18.1089



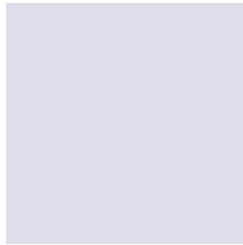
22.2447, 11.1006, 17.6217



1.7923, 0.8899, 1.6237

Previews

White Background



This preview shows how the XYZ color 71.4958, 73.1345, 88.1900 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 71.4958, 73.1345, 88.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

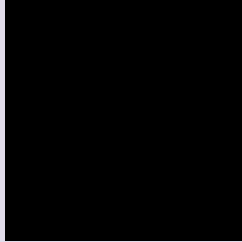
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

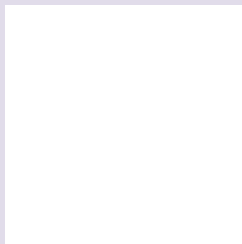
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4958, 73.1345, 88.1900

Background



This preview shows how black text looks on a background with the XYZ color 71.4958, 73.1345, 88.1900.

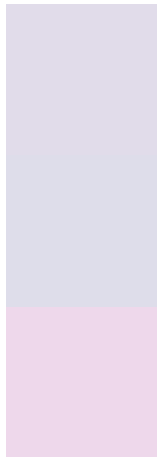


This preview shows how white text looks on a background with the XYZ color 71.4958, 73.1345,

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

71.4958, 73.1345, 88.1900

Protanopia

70.8319, 73.1830, 88.2344

Deuteranopia

74.8112, 73.2870, 88.8001



Tritanopia

71.9306, 73.3084, 90.4795

Trichromacy



Original Color

71.4958, 73.1345, 88.1900

Protanomaly

71.1392, 73.3414, 88.2488

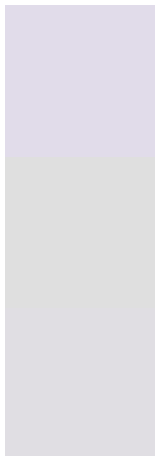
Deuteranomaly

73.4125, 72.9475, 88.8083

Tritanomaly

71.7849, 73.2501, 89.7121

Monochromacy



Original Color

71.4958, 73.1345, 88.1900

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.7269, 73.6359, 83.1585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4958, 73.1345, 88.1900 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(225, 220, 234)` looks like.

```
.text, #text, p{  
    color:rgb(225, 220, 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(225, 220, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 220, 234) }
```

Border

The CSS property to change the border of an element to XYZ 71.4958, 73.1345, 88.1900 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(225, 220, 234) }
```


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

```
.border{ border-color:rgb(225, 220, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 220, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 220, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 220, 234);  
box-shadow:4px 4px 4px 4px rgb(225, 220,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4958, 73.1345, 88.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 220, 234) }
```

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

```
.background{ background-color: rgb(225,  
220, 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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