

Converting Colors

XYZ(71.9066, 73.5028, 87.9324)

Have a look what the booklet for
XYZ(71.9066, 73.5028, 87.9324)
contains.

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Color

**XYZ(71.8085, 73.2957,
88.2047)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DCEA
RGB	226, 220, 234
RGB Percent	89%, 86%, 92%
CMY	0.1137, 0.1372, 0.0823
CMYK	0.03, 0.06, 0.00, 0.08
HSL	266°, 25%, 89%
HSV	266°, 6%, 92%
XYZ	71.8085, 73.2957, 88.2047
YIQ	223.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

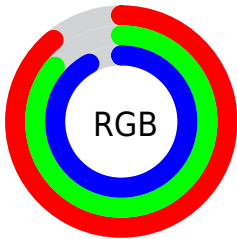
Format	Color
R _Y B	226, 220, 234
Decimal	14867690
CIE Lab	88.59, 4.58, -6.12
CIE LCh	89, 7.638, 306.807
Yxy	73.2957, 0.3078, 0.3142
Android (android.graphics.Color)	4293057770 (0xFFE2DCEA)
YUV	223.3900, 5.2307, 2.2890
Hunter-Lab	85.6129, -0.1043, -1.1559

Details

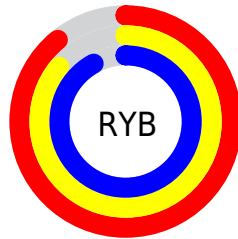
The XYZ color **71.8085, 73.2957, 88.2047** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3388, 80.5090, 79.3356**, and the grayscale version is **70.3828, 74.0482, 80.6385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2856, 38.7825, 47.5874** is the 20% darker color. If you saturate the color by 10%, you get **62.0605, 59.7844, 86.1116**, and if you desaturate by 10%, it is **82.7475, 88.7012, 90.6028**.

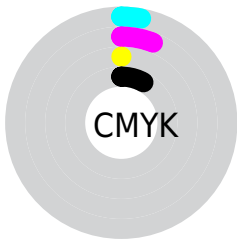
Distribution



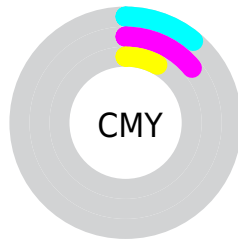
- Red (89%)
- Green (86%)
- Blue (92%)



- Red (89%)
- Yellow (86%)
- Blue (92%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8085, 73.2957, 88.2047 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 71.8085, 73.2957, 88.2047 by changing the saturation by 10% instead.

■ 71.8085, 73.2957,
88.2047

■ 71.8085, 73.2957,
88.2047

456.0428,
472.0390, 542.5920

■ 53.2872, 54.2178,
65.9273

120.7965,
123.8969, 146.7558

■ 38.2605, 38.7758,
47.7573

151.9939,
156.1890, 183.8665

■ 26.3630, 26.5854,
33.2761

188.1473,
193.6546, 226.7588

■ 17.2295, 17.2621,
22.0652

229.6222,
236.6781, 275.8511

■ 10.4946, 10.4215,
13.7060

276.7838,
285.6439, 331.5621

■ 5.7929, 5.6793,
7.7801

329.9975,

■ 2.7590, 2.6511,

340.9364, 394.3102

3.8688

389.6287,
402.9400, 464.5140

■ 1.0276, 0.9524,
1.5536

■ 0.0000, 0.0000,
0.2574

■ 71.8085, 73.2957,
88.2047

■ 71.8085, 73.2957,
88.2047

■ 62.0605, 59.7844,
86.1116

■ 82.7475, 88.7012,
90.6028

■ 53.4543, 48.0830,
84.3066

■ 91.0293, 98.2967,
92.0184

■ 45.9463, 38.1147,
82.7783

■ 91.8515, 98.7206,
92.0569

■ 39.4876, 29.7935,
81.5125

■ 34.0252, 23.0258,
80.4941

■ 29.5010, 17.7083,
79.7062

■ 25.8501, 13.7246,
79.1297

■ 22.9977, 10.9394,
78.7424

■ 20.8529, 9.1860,
78.5170

Harmonies

Analogous

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



70.0859, 73.2957, 90.3058



71.8085, 73.2957, 88.2047



72.9712, 73.2957, 83.8674

Triad

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



71.8085, 73.2957, 88.2047



71.0692, 73.2957, 70.8431



66.2081, 73.2957, 81.0147

Complementary

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



71.8085, 73.2957, 88.2047



74.3388, 80.5090, 79.3356

Split Complementary

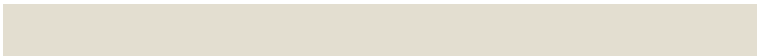
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4609, 73.2957, 75.8789



71.8085, 73.2957, 88.2047



69.2465, 73.2957, 70.1544

Square

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



71.8085, 73.2957, 88.2047



72.5391, 73.2957, 73.8835



67.5653, 73.2957, 71.9592



66.8685, 73.2957, 86.0379

Rectangle

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



71.8085, 73.2957, 88.2047



73.2611, 73.2957, 80.3727



67.5653, 73.2957, 71.9592



66.1893, 73.2957, 79.2431

Sweetspot

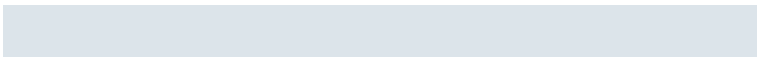
The Sweet Spot groups the original color and five complimentary colors.



71.8106, 73.2988, 88.2063



92.3802, 96.2404, 108.3150



72.1585, 76.7374, 88.8517



19.8012, 20.6388, 23.1900



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.



71.8106, 73.2988, 88.2063



85.9631, 87.2513, 106.9182



73.9966, 74.4257, 88.3086



15.2562, 15.4394, 19.0983



11.4519, 4.9396, 44.0928



1.0073, 0.4436, 3.4674

Inverse Universe

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



73.5311, 74.2837, 83.8654



88.4106, 88.6525, 100.7333



72.2133, 79.4132, 79.2361



15.7266, 15.7087, 17.9087



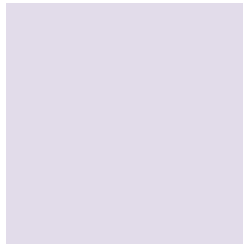
21.5404, 10.8189, 13.9131



1.7395, 0.8688, 1.3454

Previews

White Background



This preview shows how the XYZ color 71.8085, 73.2957, 88.2047 looks on a white background.

Color Contrast Check

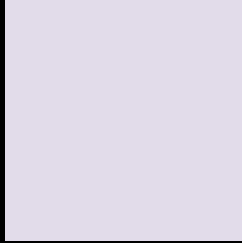
Large Text (above 18pt) WCAG AA × Fail

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 71.8085, 73.2957, 88.2047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

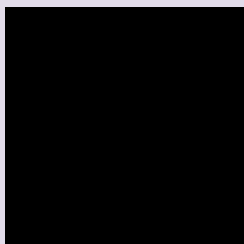
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

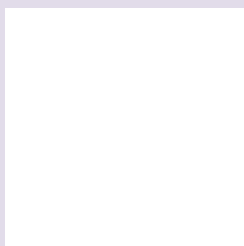
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8085, 73.2957, 88.2047

Background



This preview shows how black text looks on a background with the XYZ color 71.8085, 73.2957, 88.2047.

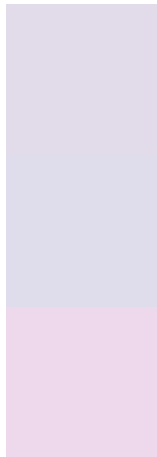


This preview shows how white text looks on a background with the XYZ color 71.8085, 73.2957,

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

71.8085, 73.2957, 88.2047

Protanopia

71.2833, 73.3990, 89.0077

Deuteranopia

74.8112, 73.2870, 88.8001



Tritanopia

72.2433, 73.4696, 90.4942

Trichromacy



Original Color

71.8085, 73.2957, 88.2047

Protanomaly

71.5923, 73.5584, 89.0221

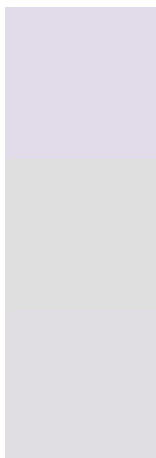
Deuteranomaly

73.7399, 73.1163, 88.8236

Tritanomaly

72.0976, 73.4113, 89.7267

Monochromacy



Original Color

71.8085, 73.2957, 88.2047

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 71.8085, 73.2957, 88.2047 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(226, 220, 234) looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 220, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 234) }
```

Border

The CSS property to change the border of an element to XYZ 71.8085, 73.2957, 88.2047 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(226, 220, 234) }
```


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

```
.border{ border-color:rgb(226, 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(226, 220, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8085, 73.2957, 88.2047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 234) }
```

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

```
.background{ background-color: rgb(226,  
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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