

Converting Colors

XYZ(70.2065, 69.9711, 88.1001)

Have a look what the booklet for
XYZ(70.2065, 69.9711, 88.1001)
contains.

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Color

**XYZ(70.1537, 69.7554,
88.3639)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D5EB
RGB	226, 213, 235
RGB Percent	89%, 84%, 92%
CMY	0.1137, 0.1647, 0.0784
CMYK	0.04, 0.09, 0.00, 0.08
HSL	275°, 35%, 88%
HSV	275°, 9%, 92%
XYZ	70.1537, 69.7554, 88.3639
YIQ	219.3950, 0.6860, 9.5980

Conversions

Conversions Part 2

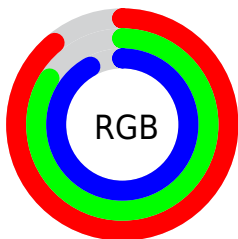
Format	Color
R _Y B	226, 213, 235
Decimal	14865899
CIE Lab	86.88, 8.43, -9.18
CIE LCh	87, 12.462, 312.562
Yxy	69.7554, 0.3073, 0.3056
Android (android.graphics.Color)	4293055979 (0xFFE2D5EB)
YUV	219.3950, 7.6933, 5.7926
Hunter-Lab	83.5197, 3.7744, -4.2651

Details

The XYZ color **70.1537, 69.7554, 88.3639** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8453, 79.7522, 74.5613**, and the grayscale version is **67.5558, 71.0740, 77.3996**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1581, 36.3663, 47.7088** is the 20% darker color. If you saturate the color by 10%, you get **61.7354, 57.2690, 86.3985**, and if you desaturate by 10%, it is **79.6017, 84.0479, 90.6257**.

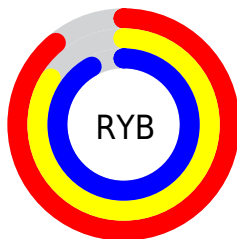
Distribution



Red (89%)

Green (84%)

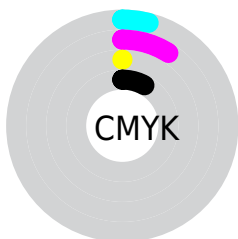
Blue (92%)



Red (89%)

Yellow (84%)

Blue (92%)

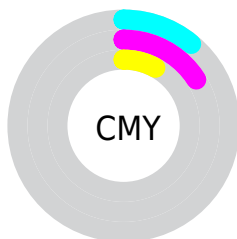


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1537, 69.7554, 88.3639 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 70.1537, 69.7554, 88.3639 by changing the saturation by 10% instead.

70.1537, 69.7554,
88.3639

70.1537, 69.7554,
88.3639

450.3475,
459.6907, 543.1263

51.9319, 51.3272,
66.0584

118.4530,
118.8599, 146.9793

37.1748, 36.4690,
47.8631

149.2612,
150.3049, 184.1262

25.5172, 24.7967,
33.3592

184.9956,
186.8576, 227.0575

16.5936, 15.9256,
22.1284

226.0215,
228.9024, 276.1915

10.0387, 9.4715,
13.7521

272.7042,
276.8238, 331.9469

5.4871, 5.0500,
7.8117

325.4093,

2.5734, 2.2766,

331.0060, 394.7421

3.8886

384.5019,
391.8335, 464.9957

■ 0.9324, 0.7613,
1.5644

■ 0.0000, 0.0000,
0.2653

■ 70.1537, 69.7554,
88.3639

■ 70.1537, 69.7554,
88.3639

■ 61.7354, 57.2690,
86.3985

■ 79.6017, 84.0479,
90.6257

■ 54.3012, 46.5050,
84.7127

■ 88.4926, 96.9724,
92.6518

■ 47.8110, 37.3863,
83.2947

■ 91.9391, 98.7491,
92.8131

■ 42.2194, 29.8263,
82.1302

■ 91.9956, 98.7782,
92.8157

■ 37.4768, 23.7302,
81.2035

■ 33.5283, 18.9927,
80.4971

■ 30.3115, 15.4937,
79.9913

■ 27.7529, 13.0910,
79.6624

■ 25.7377, 11.5602,
79.4731

Harmonies

Analogous

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



67.5237, 69.7554, 92.6737



70.1537, 69.7554, 88.3639



71.7777, 69.7554, 80.8510

Triad

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



70.1537, 69.7554, 88.3639



67.9897, 69.7554, 61.6793



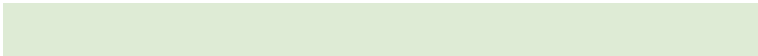
60.9926, 69.7554, 79.4872

Complementary

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



70.1537, 69.7554, 88.3639



71.8453, 79.7522, 74.5613

Split Complementary

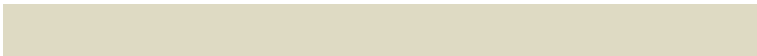
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.1091, 69.7554, 71.2546



70.1537, 69.7554, 88.3639



65.0920, 69.7554, 61.3730

Square

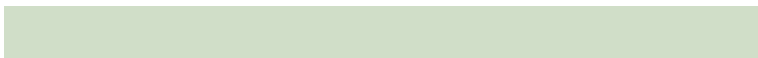
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1537, 69.7554, 88.3639



70.5034, 69.7554, 65.6298



62.5909, 69.7554, 64.7600



62.2678, 69.7554, 87.3029

Rectangle

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



70.1537, 69.7554, 88.3639



72.0430, 69.7554, 75.2384



62.5909, 69.7554, 64.7600



60.8714, 69.7554, 76.6697

Sweetspot

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



70.1557, 69.7584, 88.3654



91.5157, 94.6270, 108.0492



68.6042, 72.4782, 88.9722



19.3901, 19.9540, 23.0795



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.



70.1557, 69.7584, 88.3654



82.6485, 81.2788, 105.9401



72.7890, 71.1463, 87.1132



15.0844, 14.9888, 19.0203



14.4060, 6.4625, 44.2311



1.2399, 0.5635, 3.4783

Inverse Universe

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



71.2424, 70.5277, 78.9689



84.1908, 82.3690, 92.6792



69.3958, 78.4623, 75.6682



15.3209, 15.1562, 16.9754



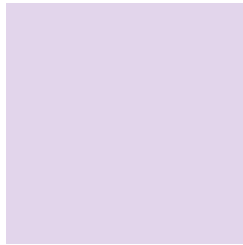
20.3063, 10.3252, 7.4145



1.6412, 0.8295, 0.8281

Previews

White Background



This preview shows how the XYZ color 70.1537, 69.7554, 88.3639 looks on a white background.

Color Contrast Check

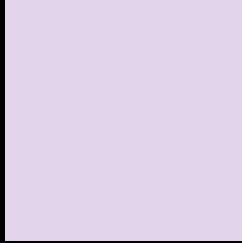
Large Text (above 18pt) WCAG AA × Fail

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 70.1537, 69.7554, 88.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

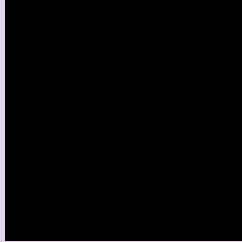
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1537, 69.7554, 88.3639

Background



This preview shows how black text looks on a background with the XYZ color 70.1537, 69.7554, 88.3639.



This preview shows how white text looks on a background with the XYZ color 70.1537, 69.7554,

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

70.1537, 69.7554, 88.3639

Protanopia

68.1608, 69.8251, 90.0059

Deuteranopia

71.2447, 69.5756, 88.2717



Tritanopia

69.5217, 69.8702, 85.4234

Trichromacy



Original Color

70.1537, 69.7554, 88.3639

Protanomaly

68.9560, 69.8727, 89.2093

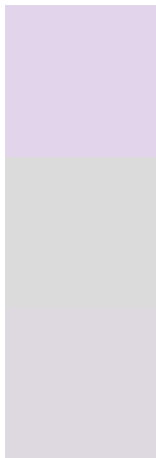
Deuteranomaly

70.8520, 69.7431, 88.3247

Tritanomaly

69.6634, 69.9269, 86.1695

Monochromacy



Original Color

70.1537, 69.7554, 88.3639

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.5277, 70.5915, 81.2479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1537, 69.7554, 88.3639 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, 213, 235) looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 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(226, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 235) }
```

Border

The CSS property to change the border of an element to XYZ 70.1537, 69.7554, 88.3639 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, 213, 235) }
```


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

```
.border{ border-color:rgb(226, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1537, 69.7554, 88.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 235) }
```

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

```
.background{ background-color: rgb(226,  
213, 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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