

Converting Colors

XYZ(69.6956, 70.0014, 82.3155)

Have a look what the booklet for
XYZ(69.6956, 70.0014, 82.3155)
contains.

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Color

**XYZ(69.9066, 70.1332,
82.5256)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D6E3
RGB	228, 214, 227
RGB Percent	89%, 84%, 89%
CMY	0.1059, 0.1608, 0.1098
CMYK	0.00, 0.06, 0.00, 0.11
HSL	304°, 21%, 87%
HSV	304°, 6%, 89%
XYZ	69.9066, 70.1332, 82.5256
YIQ	219.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

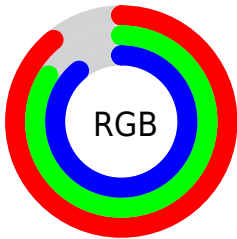
Format	Color
R_{YB}	228, 214, 227
Decimal	14997219
CIE _{Lab}	87.06, 7.10, -4.66
CIE _{LCh}	87, 8.490, 326.736
Yxy	70.1332, 0.3141, 0.3151
Android (android.graphics.Color)	4293187299 (0xFFE4D6E3)
YUV	219.6680, 3.6147, 7.3072
Hunter-Lab	83.7456, 2.4481, 0.1956

Details

The XYZ color **69.9066, 70.1332, 82.5256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7434, 74.6911, 75.1400**, and the grayscale version is **67.7715, 71.3009, 77.6466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0781, 36.6591, 44.1514** is the 20% darker color. If you saturate the color by 10%, you get **64.3124, 59.3020, 79.5576**, and if you desaturate by 10%, it is **76.3146, 82.5866, 85.7771**.

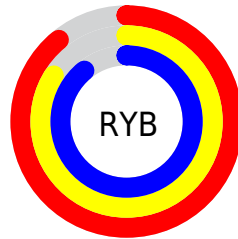
Distribution



Red (89%)

Green (84%)

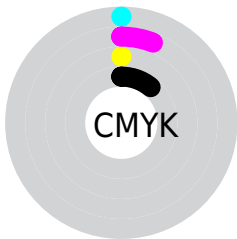
Blue (89%)



Red (89%)

Yellow (84%)

Blue (89%)

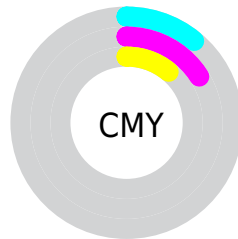


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9066, 70.1332, 82.5256 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 69.9066, 70.1332, 82.5256 by changing the saturation by 10% instead.

69.9066, 70.1332,
82.5256

69.9066, 70.1332,
82.5256

449.4935,
461.0176, 523.3336

51.7297, 51.6351,
61.2605

118.1025,
119.3987, 138.7541

37.0131, 36.7143,
44.0035

148.8523,
150.9349, 174.5546

25.3913, 24.9864,
30.3361

184.5238,
187.5859, 216.0374

16.4991, 16.0669,
19.8396

225.4822,
229.7362, 263.6209

9.9711, 9.5715,
12.0956

272.0931,
277.7701, 317.7238

5.4419, 5.1158,
6.6855

324.7217,

2.5462, 2.3154,

332.0721, 378.7645

3.1907

383.7334,
393.0264, 447.1616

■ 0.9186, 0.7818,
1.1928

■ 0.0000, 0.0000,
0.0000

■ 69.9066, 70.1332,
82.5256

■ 69.9066, 70.1332,
82.5256

■ 64.3124, 59.3020,
79.5576

■ 76.3146, 82.5866,
85.7771

■ 59.4926, 50.0172,
76.8573

■ 82.0748, 93.7420,
88.8224

■ 55.4136, 42.2105,
74.4143

■ 82.3050, 93.8341,
90.0349

■ 52.0368, 35.8048,
72.2159

■ 82.5374, 93.9270,
91.2587

49.3202, 30.7164,
70.2479

82.7720, 94.0209,
92.4938

47.2175, 26.8522,
68.4949

83.0087, 94.1155,
93.7403

45.6762, 24.1074,
66.9393

83.2475, 94.2111,
94.9981

44.6349, 22.3595,
65.5607

83.4886, 94.3075,
96.2674

44.0175, 21.4560,
64.3337

83.7318, 94.4048,
97.5481

Harmonies

Analogous

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



68.3938, 70.1332, 86.5618



69.9066, 70.1332, 82.5256



70.5485, 70.1332, 76.9880

Triad

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



69.9066, 70.1332, 82.5256



66.8773, 70.1332, 65.9480



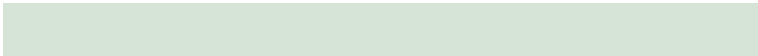
63.3041, 70.1332, 81.3941

Complementary

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



69.9066, 70.1332, 82.5256



67.7434, 74.6911, 75.1400

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.



62.9161, 70.1332, 75.7416



69.9066, 70.1332, 82.5256



64.9548, 70.1332, 66.9987

Square

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



69.9066, 70.1332, 82.5256



68.7779, 70.1332, 67.5715



63.5145, 70.1332, 70.5153



64.5851, 70.1332, 85.8861

Rectangle

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



69.9066, 70.1332, 82.5256



70.3870, 70.1332, 73.2543



63.5145, 70.1332, 70.5153



63.0660, 70.1332, 79.5587

Sweetspot

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



69.9086, 70.1362, 82.5271



93.3859, 96.7656, 108.0561



66.0580, 68.1352, 83.0696



20.0059, 20.7457, 23.1373



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.



69.9086, 70.1362, 82.5271



89.4129, 89.0534, 106.0113



68.9709, 69.7611, 77.5891



15.1898, 15.0646, 18.0549



25.3347, 12.2681, 36.9871



1.8855, 0.9119, 2.8038

Inverse Universe

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



69.9086, 70.1362, 82.5271



89.4129, 89.0534, 106.0113



68.6532, 75.0551, 79.9313



15.1898, 15.0646, 18.0549



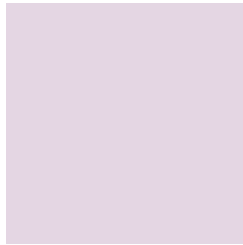
25.3347, 12.2681, 36.9871



1.8855, 0.9119, 2.8038

Previews

White Background



This preview shows how the XYZ color 69.9066, 70.1332, 82.5256 looks on a white background.

Color Contrast Check

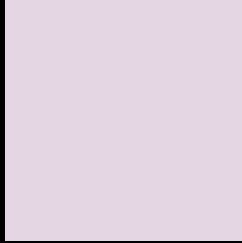
Large Text (above 18pt) WCAG AA × Fail

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 69.9066, 70.1332, 82.5256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

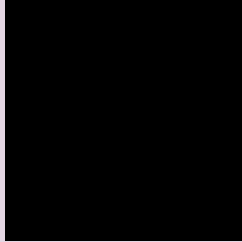
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

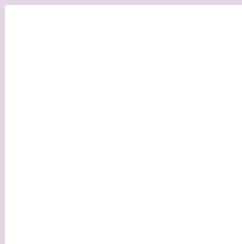
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9066, 70.1332, 82.5256

Background



This preview shows how black text looks on a background with the XYZ color 69.9066, 70.1332, 82.5256.

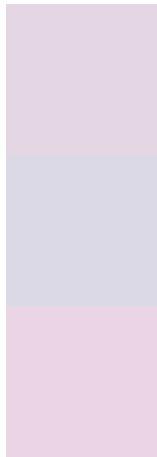


This preview shows how white text looks on a background with the XYZ color 69.9066, 70.1332,

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

69.9066, 70.1332, 82.5256

Protanopia

68.1691, 70.3429, 84.1134

Deuteranopia

71.6696, 70.2952, 82.4640



Tritanopia

70.0721, 69.7957, 84.6416

Trichromacy



Original Color

69.9066, 70.1332, 82.5256

Protanomaly

68.6837, 70.2428, 83.3370

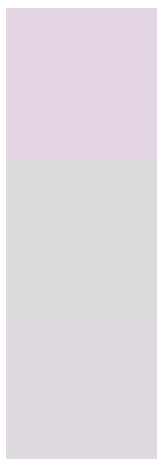
Deuteranomaly

70.9381, 70.2904, 82.5016

Tritanomaly

69.9320, 69.7396, 83.9040

Monochromacy



Original Color

69.9066, 70.1332, 82.5256

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.8221, 71.1585, 79.9197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9066, 70.1332, 82.5256 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(228, 214, 227) looks like.

```
.text, #text, p{  
    color:rgb(228, 214, 227)  
}
```

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(228, 214, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 214, 227) }
```

Border

The CSS property to change the border of an element to XYZ 69.9066, 70.1332, 82.5256 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(228, 214, 227) }
```


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

```
.border{ border-color:rgb(228, 214, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 214, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 214, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 214, 227);  
box-shadow:4px 4px 4px 4px rgb(228, 214,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9066, 70.1332, 82.5256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 214, 227) }
```

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

```
.background{ background-color: rgb(228,  
214, 227) }
```

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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