

Converting Colors

XYZ(70.0628, 70.9376, 84.1284)

Have a look what the booklet for
XYZ(70.0628, 70.9376, 84.1284)
contains.

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Color

**XYZ(70.0628, 70.9376,
84.1284)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D8E5
RGB	226, 216, 229
RGB Percent	89%, 85%, 90%
CMY	0.1137, 0.1529, 0.1020
CMYK	0.01, 0.06, 0.00, 0.10
HSL	286°, 20%, 87%
HSV	286°, 6%, 90%
XYZ	70.0628, 70.9376, 84.1284
YIQ	220.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

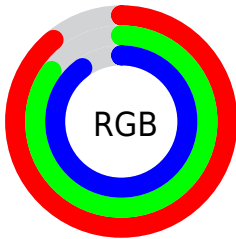
Format	Color
R _Y B	226, 216, 229
Decimal	14866661
CIE Lab	87.45, 5.74, -5.15
CIE LCh	87, 7.716, 318.100
Yxy	70.9376, 0.3112, 0.3151
Android (android.graphics.Color)	4293056741 (0xFFE2D8E5)
YUV	220.4720, 4.2043, 4.8481
Hunter-Lab	84.2245, 1.0939, -0.2653

Details

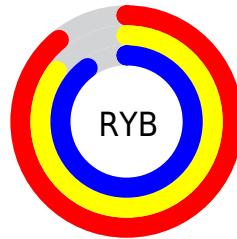
The XYZ color **70.0628, 70.9376, 84.1284** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6300, 76.0584, 75.9801**, and the grayscale version is **68.3297, 71.8881, 78.2862**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1794, 37.2037, 45.2659** is the 20% darker color. If you saturate the color by 10%, you get **62.9687, 59.1712, 82.2322**, and if you desaturate by 10%, it is **78.0297, 84.3716, 86.3026**.

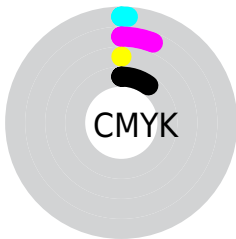
Distribution



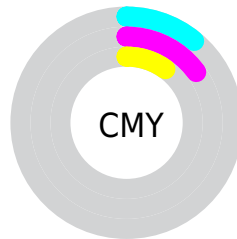
- Red (89%)
- Green (85%)
- Blue (90%)



- Red (89%)
- Yellow (85%)
- Blue (90%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (11%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0628, 70.9376, 84.1284 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 70.0628, 70.9376, 84.1284 by changing the saturation by 10% instead.

70.0628, 70.9376,
84.1284

70.0628, 70.9376,
84.1284

450.0335,
463.8353, 528.8087

51.8575, 52.2913,
62.5755

118.3241,
120.5449, 141.0181

37.1153, 37.2373,
45.0590

149.1108,
152.2746, 177.1919

25.4709, 25.3913,
31.1607

184.8220,
189.1343, 219.0765

16.5588, 16.3688,
20.4617

225.8231,
231.5082, 267.0903

10.0138, 9.7855,
12.5437

272.4795,
279.7809, 321.6518

5.4704, 5.2570,
6.9881

325.1564,

2.5634, 2.3988,

334.3368, 383.1797

3.3763

384.2193,
395.5601, 452.0925

■ 0.9273, 0.8253,
1.2899

■ 0.0000, 0.0000,
0.0535

■ 70.0628, 70.9376,
84.1284

■ 70.0628, 70.9376,
84.1284

■ 62.9687, 59.1712,
82.2322

■ 78.0297, 84.3716,
86.3026

■ 56.7072, 48.9959,
80.5982

■ 84.6857, 95.1083,
88.0242

■ 51.2438, 40.3425,
79.2159

■ 86.4725, 96.0295,
88.1078

■ 46.5395, 33.1333,
78.0723

■ 88.3118, 96.9776,
88.1939

42.5516, 27.2836,
77.1534

90.2039, 97.9531,
88.2824

39.2327, 22.6997,
76.4435

91.1431, 98.4372,
88.3264

36.5298, 19.2761,
75.9252

34.3808, 16.8895,
75.5778

32.7097, 15.3883,
75.3761

Harmonies

Analogous

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



68.5172, 70.9376, 87.1638



70.0628, 70.9376, 84.1284



70.9071, 70.9376, 79.3245

Triad

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



70.0628, 70.9376, 84.1284



68.1484, 70.9376, 67.8401



64.1517, 70.9376, 80.3951

Complementary

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



70.0628, 70.9376, 84.1284



69.6300, 76.0584, 75.9801

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.



64.0570, 70.9376, 75.1904



70.0628, 70.9376, 84.1284



66.3426, 70.9376, 68.0977

Square

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



70.0628, 70.9376, 84.1284



69.7886, 70.9376, 70.0160



64.8524, 70.9376, 70.7364



65.1136, 70.9376, 84.9424

Rectangle

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



70.0628, 70.9376, 84.1284



70.9488, 70.9376, 75.8353



64.8524, 70.9376, 70.7364



64.0180, 70.9376, 78.6599

Sweetspot

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



70.0648, 70.9406, 84.1299



93.0128, 96.5665, 108.3446



67.8048, 70.9396, 84.2489



19.9299, 20.7052, 23.1960



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.



70.0648, 70.9406, 84.1299



88.1181, 88.3622, 107.0190



70.5346, 71.2382, 81.6508



14.9527, 14.9380, 18.2396



18.4520, 8.5782, 43.0664



1.4429, 0.6748, 3.1862

Inverse Universe

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



69.6576, 70.8874, 77.0325



87.4852, 88.2823, 95.8599



69.1884, 75.7785, 78.3234



14.8375, 14.9237, 16.1992



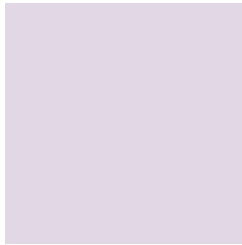
18.8788, 9.6857, 2.9907



1.4302, 0.7298, 0.4060

Previews

White Background



This preview shows how the XYZ color 70.0628, 70.9376, 84.1284 looks on a white background.

Color Contrast Check

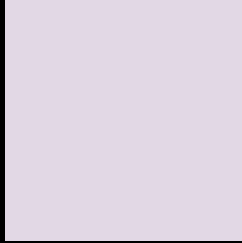
Large Text (above 18pt) WCAG AA × Fail

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 70.0628, 70.9376, 84.1284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

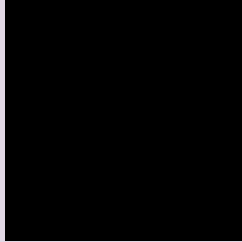
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

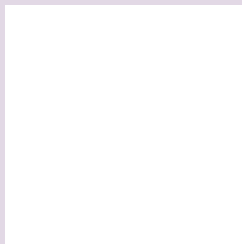
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.0628, 70.9376, 84.1284

Background



This preview shows how black text looks on a background with the XYZ color 70.0628, 70.9376, 84.1284.

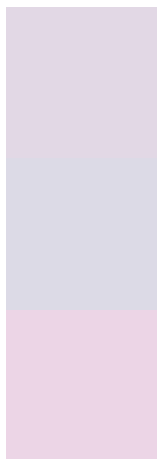


This preview shows how white text looks on a background with the XYZ color 70.0628, 70.9376,

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

70.0628, 70.9376, 84.1284

Protanopia

68.8695, 71.0716, 84.9513

Deuteranopia

72.6692, 71.1345, 84.7632



Tritanopia

70.5445, 70.7580, 86.2835

Trichromacy



Original Color

70.0628, 70.9376, 84.1284

Protanomaly

69.2200, 70.8685, 84.8936

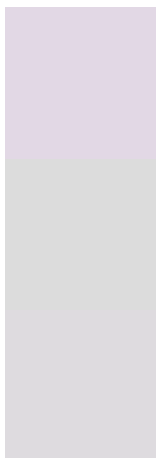
Deuteranomaly

71.6082, 70.9621, 84.7858

Tritanomaly

70.4028, 70.7013, 85.5374

Monochromacy



Original Color

70.0628, 70.9376, 84.1284

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.7750, 71.5203, 79.9920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0628, 70.9376, 84.1284 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, 216, 229) looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 229)  
}
```

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, 216, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 229) }
```

Border

The CSS property to change the border of an element to XYZ 70.0628, 70.9376, 84.1284 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, 216, 229) }
```


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

```
.border{ border-color:rgb(226, 216, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 216, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 216, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 216, 229);  
box-shadow:4px 4px 4px 4px rgb(226, 216,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0628, 70.9376, 84.1284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 229) }
```

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

```
.background{ background-color: rgb(226,  
216, 229) }
```

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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