

Converting Colors

XYZ(69.7501, 70.7764, 84.1137)

Have a look what the booklet for
XYZ(69.7501, 70.7764, 84.1137)
contains.

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Color

**XYZ(69.7501, 70.7764,
84.1137)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D8E5
RGB	225, 216, 229
RGB Percent	88%, 85%, 90%
CMY	0.1176, 0.1529, 0.1020
CMYK	0.02, 0.06, 0.00, 0.10
HSL	282°, 20%, 87%
HSV	282°, 6%, 90%
XYZ	69.7501, 70.7764, 84.1137
YIQ	220.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

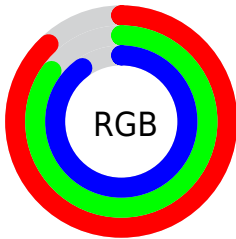
Format	Color
R _Y B	225, 216, 229
Decimal	14801125
CIE Lab	87.38, 5.41, -5.28
CIE LCh	87, 7.556, 315.700
Yxy	70.7764, 0.3105, 0.3151
Android (android.graphics.Color)	4292991205 (0xFFE1D8E5)
YUV	220.1730, 4.3517, 4.2333
Hunter-Lab	84.1287, 0.7670, -0.3893

Details

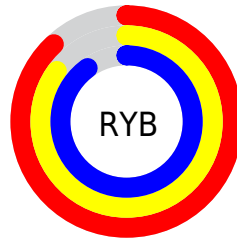
The XYZ color **69.7501, 70.7764, 84.1137** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9317, 76.2139, 75.9942**, and the grayscale version is **68.1200, 71.6675, 78.0460**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9624, 37.0918, 45.2557** is the 20% darker color. If you saturate the color by 10%, you get **62.1360, 58.7420, 82.1932**, and if you desaturate by 10%, it is **78.2766, 84.4988, 86.3141**.

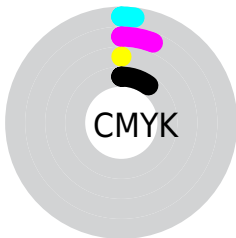
Distribution



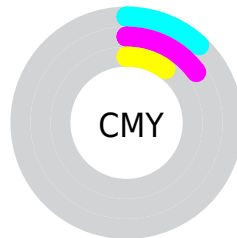
- Red (88%)
- Green (85%)
- Blue (90%)



- Red (88%)
- Yellow (85%)
- Blue (90%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7501, 70.7764, 84.1137 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 69.7501, 70.7764, 84.1137 by changing the saturation by 10% instead.

■ 69.7501, 70.7764,
84.1137

■ 69.7501, 70.7764,
84.1137

448.9522,
463.2714, 528.7586

■ 51.6017, 52.1597,
62.5634

117.8805,
120.3153, 140.9974

■ 36.9107, 37.1324,
45.0494

148.5933,
152.0063, 177.1678

■ 25.3117, 25.3100,
31.1531

184.2248,
188.8242, 219.0486

■ 16.4394, 16.3082,
20.4560

225.1405,
231.1535, 267.0585

■ 9.9284, 9.7425,
12.5396

271.7057,
279.3784, 321.6159

■ 5.4134, 5.2286,
6.9853

324.2859,

■ 2.5290, 2.3820,

333.8835, 383.1394

3.3746

383.2462,
395.0530, 452.0474

■ 0.9099, 0.8166,
1.2889

■ 0.0000, 0.0000,
0.0527

■ 69.7501, 70.7764,
84.1137

■ 69.7501, 70.7764,
84.1137

■ 62.1360, 58.7420,
82.1932

■ 78.2766, 84.4988,
86.3141

■ 55.3935, 48.3187,
80.5367

■ 85.5324, 95.5448,
88.0637

■ 49.4875, 39.4371,
79.1336

■ 87.9597, 96.7962,
88.1773

■ 44.3782, 32.0191,
77.9711

■ 90.4809, 98.0959,
88.2953

■ 40.0222, 25.9797,
77.0350

■ 91.1431, 98.4372,
88.3263

■ 36.3717, 21.2249,
76.3096

■ 33.3727, 17.6486,
75.7774

■ 30.9626, 15.1273,
75.4177

■ 29.0645, 13.5091,
75.2054

Harmonies

Analogous

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



68.2012, 70.7764, 86.8897



69.7501, 70.7764, 84.1137



70.6420, 70.7764, 79.5099

Triad

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



69.7501, 70.7764, 84.1137



68.1197, 70.7764, 67.9505



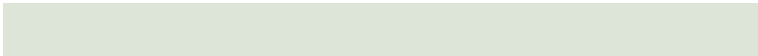
64.0296, 70.7764, 79.7463

Complementary

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



69.7501, 70.7764, 84.1137



69.9317, 76.2139, 75.9942

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.



64.0087, 70.7764, 74.6678



69.7501, 70.7764, 84.1137



66.3490, 70.7764, 68.0075

Square

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



69.7501, 70.7764, 84.1137



69.6895, 70.7764, 70.2592



64.8510, 70.7764, 70.4186



64.9088, 70.7764, 84.2934

Rectangle

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



69.7501, 70.7764, 84.1137



70.7341, 70.7764, 76.0940



64.8510, 70.7764, 70.4186



63.9225, 70.7764, 78.0411

Sweetspot

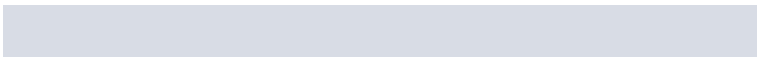
The Sweet Spot groups the original color and five complimentary colors.



69.7521, 70.7794, 84.1152



92.8695, 96.4926, 108.3379



68.0884, 71.5067, 84.3433



19.9008, 20.6901, 23.1947



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.



69.7521, 70.7794, 84.1152



87.6254, 88.1082, 106.9960



70.6833, 71.2976, 82.4339



14.8625, 14.8915, 18.2353



16.3359, 7.4874, 42.9674



1.3011, 0.6017, 3.1795

Inverse Universe

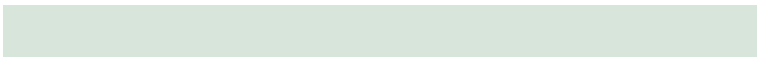
The Inverse Universe completely reimagines the original color for something new.



69.7896, 70.9402, 77.7280



87.6915, 88.3648, 96.9462



69.0458, 75.7214, 77.5726



14.8751, 14.9387, 16.3973



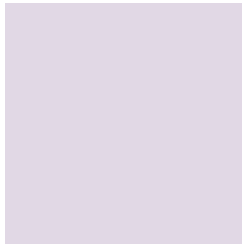
19.1630, 9.7994, 4.4875



1.4565, 0.7403, 0.5445

Previews

White Background



This preview shows how the XYZ color 69.7501, 70.7764, 84.1137 looks on a white background.

Color Contrast Check

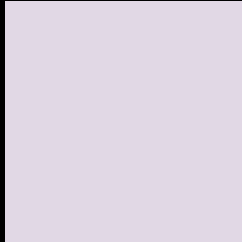
Large Text (above 18pt) WCAG AA × Fail

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 69.7501, 70.7764, 84.1137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

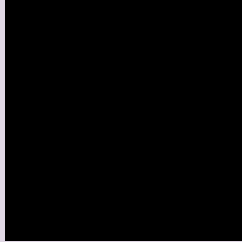
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

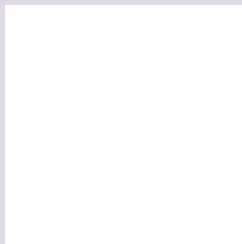
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.7501, 70.7764, 84.1137

Background



This preview shows how black text looks on a background with the XYZ color 69.7501, 70.7764, 84.1137.

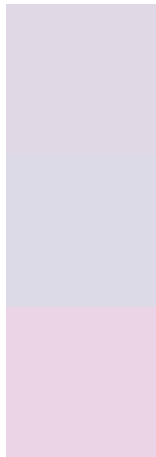


This preview shows how white text looks on a background with the XYZ color 69.7501, 70.7764,

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

69.7501, 70.7764, 84.1137

Protanopia

68.8695, 71.0716, 84.9513

Deuteranopia

72.0874, 70.4623, 84.6641



Tritanopia

70.2300, 70.5958, 86.2688

Trichromacy



Original Color

69.7501, 70.7764, 84.1137

Protanomaly

69.2200, 70.8685, 84.8936

Deuteranomaly

71.0322, 70.2906, 84.6866

Tritanomaly

70.0883, 70.5392, 85.5227

Monochromacy



Original Color

69.7501, 70.7764, 84.1137

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 69.7501, 70.7764, 84.1137 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, 216, 229) looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 216, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 216, 229) }
```

Border

The CSS property to change the border of an element to XYZ 69.7501, 70.7764, 84.1137 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, 216, 229) }
```


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

```
.border{ border-color:rgb(225, 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(225, 216, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 216, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 216, 229);  
box-shadow:4px 4px 4px 4px rgb(225, 216,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7501, 70.7764, 84.1137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 216, 229) }
```

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

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