

Converting Colors

XYZ(69.0012, 69.6981, 81.0505)

Have a look what the booklet for
XYZ(69.0012, 69.6981, 81.0505)
contains.

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Color

**XYZ(69.0012, 69.6981,
81.0505)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D6E1
RGB	226, 214, 225
RGB Percent	89%, 84%, 88%
CMY	0.1137, 0.1608, 0.1176
CMYK	0.00, 0.05, 0.00, 0.11
HSL	305°, 17%, 86%
HSV	305°, 5%, 89%
XYZ	69.0012, 69.6981, 81.0505
YIQ	218.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

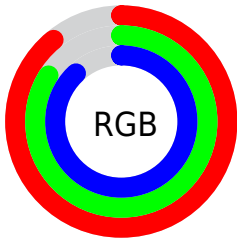
Format	Color
R _Y B	226, 214, 225
Decimal	14866145
CIE Lab	86.85, 6.06, -3.93
CIE LCh	87, 7.226, 327.034
Yxy	69.6981, 0.3140, 0.3172
Android (android.graphics.Color)	4293056225 (0xFFE2D6E1)
YUV	218.8420, 3.0359, 6.2776
Hunter-Lab	83.4854, 1.4319, 0.8790

Details

The XYZ color **69.0012, 69.6981, 81.0505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1963, 73.5970, 74.9576**, and the grayscale version is **67.2020, 70.7017, 76.9942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4484, 36.3565, 43.1267** is the 20% darker color. If you saturate the color by 10%, you get **63.4189, 58.9416, 77.9294**, and if you desaturate by 10%, it is **75.3839, 82.0488, 84.4540**.

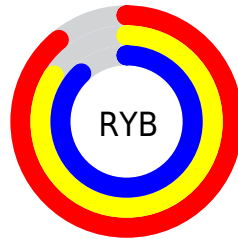
Distribution



Red (89%)

Green (84%)

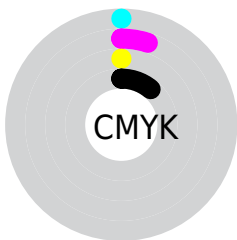
Blue (88%)



Red (89%)

Yellow (84%)

Blue (88%)

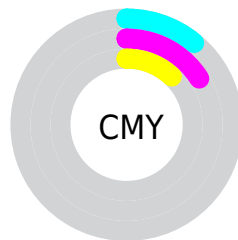


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0012, 69.6981, 81.0505 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 69.0012, 69.6981, 81.0505 by changing the saturation by 10% instead.

69.0012, 69.6981,
81.0505

69.0012, 69.6981,
81.0505

446.3565,
459.4893, 518.2659

50.9893, 51.2805,
60.0519

116.8173,
118.7781, 136.6664

36.4211, 36.4319,
43.0349

147.3523,
150.2093, 172.1208

24.9312, 24.7679,
29.5809

182.7924,
186.7471, 213.2309

16.1543, 15.9042,
19.2714

223.5029,
228.7759, 260.4153

9.7249, 9.4564,
11.6877

269.8492,
276.6801, 314.0924

5.2778, 5.0401,
6.4115

322.1967,

2.4476, 2.2708,

330.8442, 374.6809

3.0241

380.9107,
391.6524, 442.5992

■ 0.8689, 0.7582,
1.1069

■ 0.0000, 0.0000,
0.0000

■ 69.0012, 69.6981,
81.0505

■ 69.0012, 69.6981,
81.0505

■ 63.4189, 58.9416,
77.9294

■ 75.3839, 82.0488,
84.4540

■ 58.5985, 49.7053,
75.0754

■ 81.2352, 93.3333,
87.6936

■ 54.5072, 41.9229,
72.4784

■ 81.4994, 93.4389,
89.0850

■ 51.1077, 35.5194,
70.1258

■ 81.7665, 93.5458,
90.4914

48.3592, 30.4135,
68.0040

82.0364, 93.6538,
91.9129

46.2167, 26.5150,
66.0980

82.3092, 93.7629,
93.3496

44.6294, 23.7225,
64.3908

82.5850, 93.8732,
94.8015

43.5381, 21.9177,
62.8626

82.8636, 93.9846,
96.2687

42.8705, 20.9557,
61.4892

83.1451, 94.0972,
97.7512

Harmonies

Analogous

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



67.7293, 69.6981, 84.4569



69.0012, 69.6981, 81.0505



69.5340, 69.6981, 76.3705

Triad

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



69.0012, 69.6981, 81.0505



66.4137, 69.6981, 66.9961



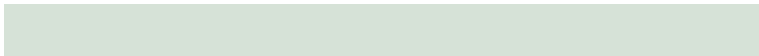
63.4021, 69.6981, 80.1848

Complementary

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



69.0012, 69.6981, 81.0505



67.1963, 73.5970, 74.9576

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.



63.0632, 69.6981, 75.4103



69.0012, 69.6981, 81.0505



64.7844, 69.6981, 67.9218

Square

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



69.0012, 69.6981, 81.0505



68.0244, 69.6981, 68.3686



63.5650, 69.6981, 70.9522



64.4988, 69.6981, 83.9424

Rectangle

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



69.0012, 69.6981, 81.0505



69.3918, 69.6981, 73.2039



63.5650, 69.6981, 70.9522



63.1966, 69.6981, 78.6397

Sweetspot

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



69.0032, 69.7011, 81.0520



93.3762, 96.7617, 108.0047



65.8013, 68.0347, 81.6165



20.0039, 20.7449, 23.1269



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.



69.0032, 69.7011, 81.0520



90.1571, 90.5418, 106.2594



68.1991, 69.3795, 76.8175



14.5922, 14.5881, 17.2435



24.3512, 11.8075, 34.8446



1.7026, 0.8243, 2.4930

Inverse Universe

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



69.0032, 69.7011, 81.0520



90.1571, 90.5418, 106.2594



67.9814, 73.9111, 79.0920



14.5922, 14.5881, 17.2435



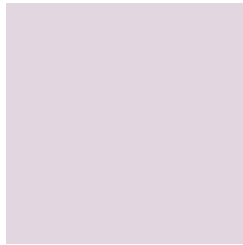
24.3512, 11.8075, 34.8446



1.7026, 0.8243, 2.4930

Previews

White Background



This preview shows how the XYZ color 69.0012, 69.6981, 81.0505 looks on a white background.

Color Contrast Check

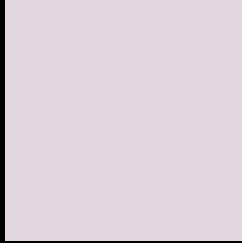
Large Text (above 18pt) WCAG AA × Fail

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 69.0012, 69.6981, 81.0505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

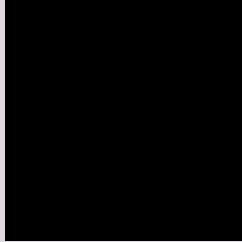
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

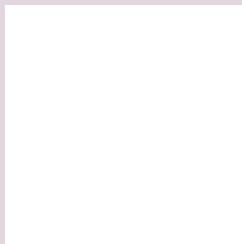
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0012, 69.6981, 81.0505

Background



This preview shows how black text looks on a background with the XYZ color 69.0012, 69.6981, 81.0505.



This preview shows how white text looks on a background with the XYZ color 69.0012, 69.6981,

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

69.0012, 69.6981, 81.0505

Protanopia

67.4968, 69.6628, 81.8403

Deuteranopia

71.2827, 69.7417, 81.6560



Tritanopia

69.7557, 69.6326, 84.6268

Trichromacy



Original Color

69.0012, 69.6981, 81.0505

Protanomaly

68.1521, 69.6215, 81.7978

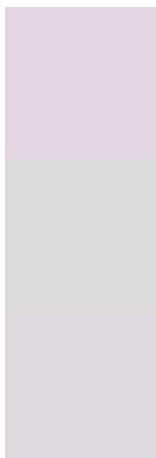
Deuteranomaly

70.5497, 69.7338, 81.6931

Tritanomaly

69.4764, 69.5208, 83.1559

Monochromacy



Original Color

69.0012, 69.6981, 81.0505

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.9882, 70.3758, 78.4071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0012, 69.6981, 81.0505 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, 214, 225) looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 225)  
}
```

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, 214, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 225) }
```

Border

The CSS property to change the border of an element to XYZ 69.0012, 69.6981, 81.0505 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, 214, 225) }
```


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

```
.border{ border-color:rgb(226, 214, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 214, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 214, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 214, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 214,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0012, 69.6981, 81.0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 214, 225) }
```

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

```
.background{ background-color: rgb(226,  
214, 225) }
```

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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