

Converting Colors

XYZ(68.9220, 69.1131, 82.6414)

Have a look what the booklet for
XYZ(68.9220, 69.1131, 82.6414)
contains.

XYZ(69.0234, 69.3033, 82.4120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.0234, 69.3033,
82.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D5E3
RGB	226, 213, 227
RGB Percent	89%, 84%, 89%
CMY	0.1137, 0.1647, 0.1098
CMYK	0.00, 0.06, 0.00, 0.11
HSL	296°, 20%, 86%
HSV	296°, 6%, 89%
XYZ	69.0234, 69.3033, 82.4120
YIQ	218.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

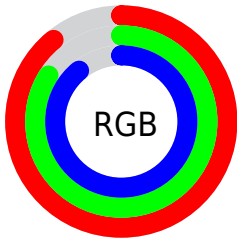
Format	Color
R _Y B	226, 213, 227
Decimal	14865891
CIE Lab	86.65, 6.95, -5.28
CIE LCh	87, 8.726, 322.790
Yxy	69.3033, 0.3127, 0.3140
Android (android.graphics.Color)	4293055971 (0xFFE2D5E3)
YUV	218.4830, 4.1989, 6.5924
Hunter-Lab	83.2486, 2.3135, -0.4201

Details

The XYZ color **69.0234, 69.3033, 82.4120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2135, 74.0403, 73.7030**, and the grayscale version is **66.9460, 70.4324, 76.7009**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4678, 36.0902, 44.0738** is the 20% darker color. If you saturate the color by 10%, you get **63.2032, 58.4134, 80.6178**, and if you desaturate by 10%, it is **75.6516, 81.8000, 84.4758**.

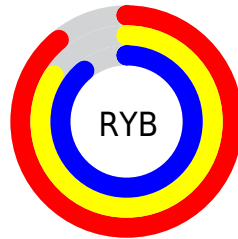
Distribution



Red (89%)

Green (84%)

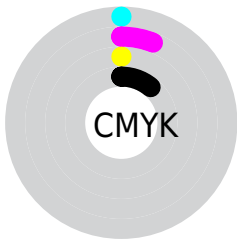
Blue (89%)



Red (89%)

Yellow (84%)

Blue (89%)

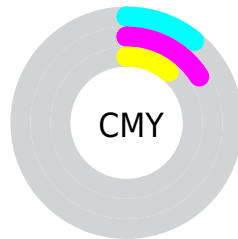


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0234, 69.3033, 82.4120 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 69.0234, 69.3033, 82.4120 by changing the saturation by 10% instead.

69.0234, 69.3033,
82.4120

69.0234, 69.3033,
82.4120

446.4336,
458.1000, 522.9444

51.0075, 50.9588,
61.1674

116.8489,
118.2147, 138.5935

36.4356, 36.1758,
43.9288

147.3892,
149.5503, 174.3674

24.9425, 24.5700,
30.2778

182.8349,
185.9851, 215.8216

16.1627, 15.7570,
19.7957

223.5515,
227.9034, 263.3745

9.7309, 9.3523,
12.0640

269.9043,
275.6896, 317.4447

5.2818, 4.9717,
6.6642

322.2587,

2.4500, 2.2307,

329.7282, 378.4507

3.1778

380.9800,
390.4035, 446.8111

■ 0.8701, 0.7366,
1.1861

■ 0.0000, 0.0000,
0.0000

■ 69.0234, 69.3033,
82.4120

■ 69.0234, 69.3033,
82.4120

■ 63.2032, 58.4134,
80.6178

■ 75.6516, 81.8000,
84.4758

■ 58.1520, 49.0553,
79.0778

■ 82.0167, 93.7645,
86.4497

■ 53.8364, 41.1614,
77.7815

■ 82.5374, 94.0329,
86.4741

■ 50.2184, 34.6555,
76.7165

■ 83.0629, 94.3038,
86.4987

47.2564, 29.4546,
75.8687

83.5933, 94.5773,
86.5235

44.9044, 25.4667,
75.2229

84.1286, 94.8532,
86.5485

43.1106, 22.5881,
74.7618

84.6688, 95.1317,
86.5738

41.8143, 20.6975,
74.4652

85.2138, 95.4127,
86.5993

40.9400, 19.6439,
74.3080

85.7638, 95.6962,
86.6251

Harmonies

Analogous

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



67.3918, 69.3033, 86.2237



69.0234, 69.3033, 82.4120



69.8130, 69.3033, 76.8689

Triad

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



69.0234, 69.3033, 82.4120



66.3610, 69.3033, 64.9197



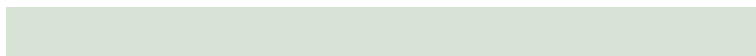
62.3429, 69.3033, 79.8658

Complementary

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



69.0234, 69.3033, 82.4120



67.2135, 74.0403, 73.7030

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.



62.0797, 69.3033, 74.0675



69.0234, 69.3033, 82.4120



64.3727, 69.3033, 65.6307

Square

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



69.0234, 69.3033, 82.4120



68.2556, 69.3033, 66.9152



62.8155, 69.3033, 68.9095



63.5421, 69.3033, 84.7018

Rectangle

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



69.0234, 69.3033, 82.4120



69.7446, 69.3033, 73.0156



62.8155, 69.3033, 68.9095



62.1430, 69.3033, 77.9574

Sweetspot

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



69.0254, 69.3063, 82.4135



93.3106, 96.7200, 108.3586



65.3975, 67.8731, 82.3281



19.9905, 20.7364, 23.1989



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.



69.0254, 69.3063, 82.4135



89.1500, 88.8942, 107.0673



68.5484, 69.1518, 78.2600



15.1417, 15.0354, 18.2484



23.7591, 11.3142, 43.3148



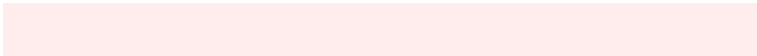
1.7863, 0.8519, 3.2022

Inverse Universe

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



67.6129, 68.7776, 73.3337



87.0628, 88.1133, 93.6358



67.6763, 74.1918, 77.6589



14.7605, 14.8929, 15.7940



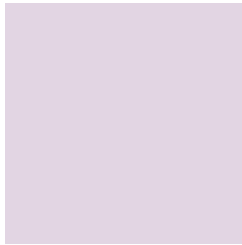
18.5461, 9.5527, 1.2388



1.3852, 0.7118, 0.1690

Previews

White Background



This preview shows how the XYZ color 69.0234, 69.3033, 82.4120 looks on a white background.

Color Contrast Check

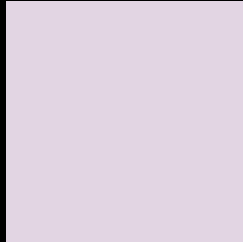
Large Text (above 18pt) WCAG AA × Fail

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 69.0234, 69.3033, 82.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

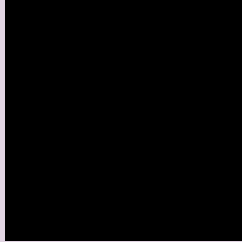
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

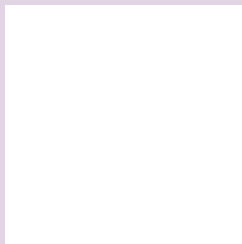
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0234, 69.3033, 82.4120

Background



This preview shows how black text looks on a background with the XYZ color 69.0234, 69.3033, 82.4120.



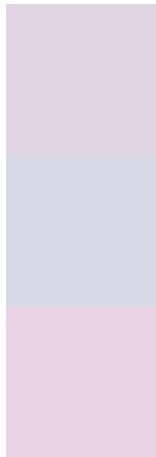
This preview shows how white text looks on a background with the XYZ color 69.0234, 69.3033,

82.4120.

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

69.0234, 69.3033, 82.4120

Protanopia

67.3140, 69.5206, 83.9997

Deuteranopia

70.5160, 68.9629, 82.2676



Tritanopia

69.3011, 69.4144, 83.8745

Trichromacy



Original Color

69.0234, 69.3033, 82.4120

Protanomaly

67.8192, 69.4180, 83.2233

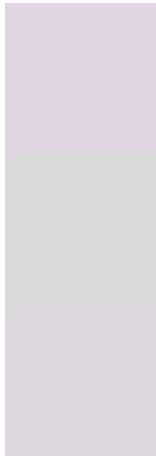
Deuteranomaly

69.7925, 68.9576, 82.3047

Tritanomaly

69.1619, 69.3587, 83.1411

Monochromacy



Original Color

69.0234, 69.3033, 82.4120

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.4258, 69.7043, 78.3072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0234, 69.3033, 82.4120 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, 227) looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 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(226, 213, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 227) }
```

Border

The CSS property to change the border of an element to XYZ 69.0234, 69.3033, 82.4120 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, 227) }
```


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

```
.border{ border-color:rgb(226, 213, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 227);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0234, 69.3033, 82.4120 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, 227) }
```

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

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