

Converting Colors

XYZ(68.7398, 69.2802, 84.2487)

Have a look what the booklet for
XYZ(68.7398, 69.2802, 84.2487)
contains.

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Color

**XYZ(68.8176, 69.1490,
84.5829)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5E6
RGB	224, 213, 230
RGB Percent	88%, 84%, 90%
CMY	0.1216, 0.1647, 0.0980
CMYK	0.03, 0.07, 0.00, 0.10
HSL	279°, 25%, 87%
HSV	279°, 7%, 90%
XYZ	68.8176, 69.1490, 84.5829
YIQ	218.2270, 1.0990, 7.6190

Conversions

Conversions Part 2

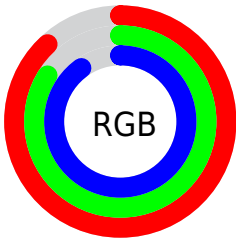
Format	Color
R_{YB}	224, 213, 230
Decimal	14734822
CIE Lab	86.58, 6.83, -6.99
CIE LCh	87, 9.777, 314.321
Yxy	69.1490, 0.3092, 0.3107
Android (android.graphics.Color)	4292924902 (0xFFE0D5E6)
YUV	218.2270, 5.8041, 5.0629
Hunter-Lab	83.1559, 2.1991, -2.0984

Details

The XYZ color **68.8176, 69.1490, 84.5829** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5232, 76.4597, 74.0483**, and the grayscale version is **66.7596, 70.2362, 76.4873**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3269, 35.9839, 45.5884** is the 20% darker color. If you saturate the color by 10%, you get **60.9817, 57.1233, 82.6758**, and if you desaturate by 10%, it is **77.5982, 82.8834, 86.7722**.

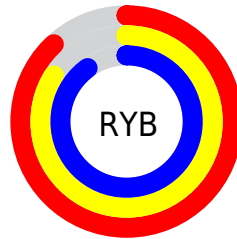
Distribution



Red (88%)

Green (84%)

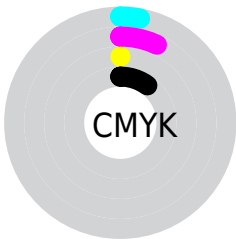
Blue (90%)



Red (88%)

Yellow (84%)

Blue (90%)

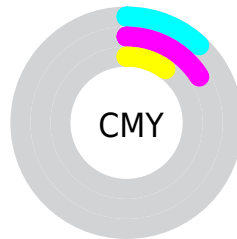


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (12%)

Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8176, 69.1490, 84.5829 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 68.8176, 69.1490, 84.5829 by changing the saturation by 10% instead.

■ 68.8176, 69.1490,
84.5829

■ 68.8176, 69.1490,
84.5829

445.7188,
457.5563, 530.3554

■ 50.8393, 50.8331,
62.9486

116.5565,
117.9944, 141.6593

■ 36.3012, 36.0758,
45.3589

147.0478,
149.2926, 177.9384

■ 24.8381, 24.4927,
31.3952

182.4408,
185.6870, 219.9363

■ 16.0846, 15.6995,
20.6390

223.1009,
227.5621, 268.0715

■ 9.6753, 9.3118,
12.6717

269.3934,
275.3021, 322.7624

■ 5.2448, 4.9451,
7.0748

321.6836,

■ 2.4278, 2.2151,

329.2916, 384.4277

3.4298

380.3370,
389.9149, 453.4859

■ 0.8590, 0.7282,
1.3181

■ 0.0000, 0.0000,
0.0765

■ 68.8176, 69.1490,
84.5829

■ 68.8176, 69.1490,
84.5829

■ 60.9817, 57.1233,
82.6758

■ 77.5982, 82.8834,
86.7722

■ 54.0483, 46.7280,
81.0347

■ 86.0601, 95.8007,
88.8195

■ 47.9812, 37.8915,
79.6488

■ 88.8824, 97.2556,
88.9515

■ 42.7387, 30.5334,
78.5049

■ 91.2831, 98.4932,
89.0639

■ 38.2757, 24.5663,
77.5883

■ 34.5424, 19.8928,
76.8830

■ 31.4823, 16.4030,
76.3707

■ 29.0294, 13.9676,
76.0299

■ 27.0968, 12.4157,
75.8322

Harmonies

Analogous

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



66.8084, 69.1490, 88.0498



68.8176, 69.1490, 84.5829



70.0118, 69.1490, 78.7166

Triad

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



68.8176, 69.1490, 84.5829



66.9094, 69.1490, 63.8979



61.5894, 69.1490, 78.4226

Complementary

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



68.8176, 69.1490, 84.5829



69.5232, 76.4597, 74.0483

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.



61.6150, 69.1490, 71.9672



68.8176, 69.1490, 84.5829



64.6515, 69.1490, 63.8293

Square

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



68.8176, 69.1490, 84.5829



68.8929, 69.1490, 66.8999



62.7246, 69.1490, 66.7068



62.6538, 69.1490, 84.3570

Rectangle

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



68.8176, 69.1490, 84.5829



70.1682, 69.1490, 74.3546



62.7246, 69.1490, 66.7068



61.4716, 69.1490, 76.2363

Sweetspot

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



68.8196, 69.1520, 84.5844



92.7853, 96.4492, 108.3340



67.1187, 70.6471, 84.9626



19.8836, 20.6813, 23.1939



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.



68.8196, 69.1520, 84.5844



85.2425, 84.7170, 106.4670



70.3960, 70.0012, 83.0075



14.4755, 14.3474, 18.1507



15.2204, 6.9123, 42.9152



1.2246, 0.5623, 3.1760

Inverse Universe

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



69.2161, 69.5292, 76.7940



85.8615, 85.3017, 94.4960



68.0400, 75.6616, 75.4911



14.5861, 14.4516, 16.0207



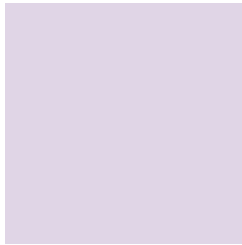
19.3727, 9.8833, 5.5915



1.4745, 0.7475, 0.6390

Previews

White Background



This preview shows how the XYZ color 68.8176, 69.1490, 84.5829 looks on a white background.

Color Contrast Check

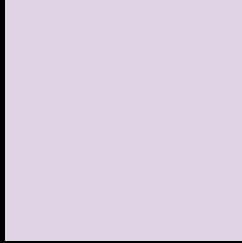
Large Text (above 18pt) WCAG AA × Fail

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 68.8176, 69.1490, 84.5829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

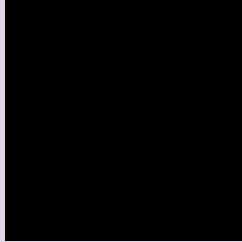
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

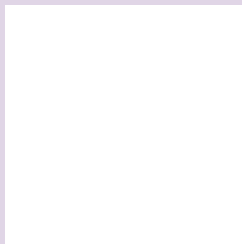
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.8176, 69.1490, 84.5829

Background



This preview shows how black text looks on a background with the XYZ color 68.8176, 69.1490, 84.5829.

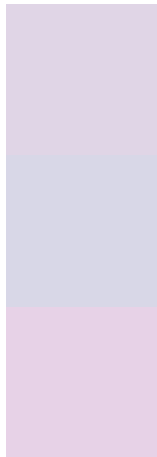


This preview shows how white text looks on a background with the XYZ color 68.8176, 69.1490,

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

68.8176, 69.1490, 84.5829

Protanopia

67.0431, 68.9693, 85.3802

Deuteranopia

70.4254, 68.8516, 85.1792



Tritanopia

68.8176, 69.1490, 84.5829

Trichromacy



Original Color

68.8176, 69.1490, 84.5829

Protanomaly

67.6838, 68.9227, 85.3374

Deuteranomaly

69.7130, 68.8520, 85.2168

Tritanomaly

68.8176, 69.1490, 84.5829

Monochromacy



Original Color

68.8176, 69.1490, 84.5829

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.2559, 69.6013, 78.9969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8176, 69.1490, 84.5829 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(224, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 230)  
}
```

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(224, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 230) }
```

Border

The CSS property to change the border of an element to XYZ 68.8176, 69.1490, 84.5829 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(224, 213, 230) }
```


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

```
.border{ border-color:rgb(224, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8176, 69.1490, 84.5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 230) }
```

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

```
.background{ background-color: rgb(224,  
213, 230) }
```

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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