

Converting Colors

XYZ(68.1243, 68.0802, 84.0604)

Have a look what the booklet for
XYZ(68.1243, 68.0802, 84.0604)
contains.

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Color

**XYZ(68.3177, 68.1490,
84.4163)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D3E6
RGB	224, 211, 230
RGB Percent	88%, 83%, 90%
CMY	0.1216, 0.1725, 0.0980
CMYK	0.03, 0.08, 0.00, 0.10
HSL	281°, 28%, 86%
HSV	281°, 8%, 90%
XYZ	68.3177, 68.1490, 84.4163
YIQ	217.0530, 1.6490, 8.6650

Conversions

Conversions Part 2

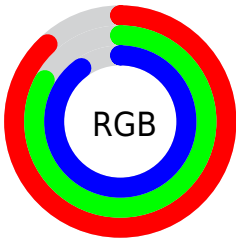
Format	Color
R_{YB}	224, 211, 230
Decimal	14734310
CIE _{Lab}	86.08, 7.88, -7.73
CIE _{LCh}	86, 11.041, 315.559
Yxy	68.1490, 0.3093, 0.3085
Android (android.graphics.Color)	4292924390 (0xFFE0D3E6)
YUV	217.0530, 6.3829, 6.0925
Hunter-Lab	82.5524, 3.2541, -2.8420

Details

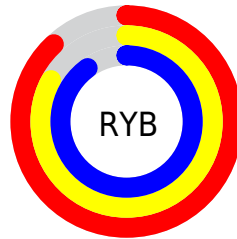
The XYZ color **68.3177, 68.1490, 84.4163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6725, 76.0503, 72.6912**, and the grayscale version is **65.9482, 69.3827, 75.5577**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9885, 35.3071, 45.4756** is the 20% darker color. If you saturate the color by 10%, you get **60.8047, 56.3933, 82.5442**, and if you desaturate by 10%, it is **76.7484, 81.5951, 86.5683**.

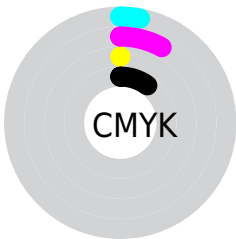
Distribution



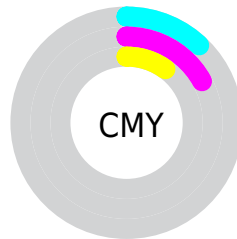
- Red (88%)
- Green (83%)
- Blue (90%)



- Red (88%)
- Yellow (83%)
- Blue (90%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3177, 68.1490, 84.4163 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 68.3177, 68.1490, 84.4163 by changing the saturation by 10% instead.

68.3177, 68.1490,
84.4163

68.3177, 68.1490,
84.4163

443.9799,
454.0237, 529.7888

50.4309, 50.0190,
62.8118

115.8459,
116.5653, 141.4243

35.9751, 35.4285,
45.2490

146.2180,
147.6203, 177.6649

24.5850, 23.9931,
31.3092

181.4826,
183.7524, 219.6212

15.8952, 15.3285,
20.5740

222.0050,
225.3461, 267.7119

9.5404, 9.0503,
12.6247

268.1506,
272.7857, 322.3555

5.1552, 4.7740,
7.0430

320.2847,

2.3743, 2.1153,

326.4555, 383.9705

3.4101

378.7727,
386.7401, 452.9754

■ 0.8323, 0.6732,
1.3077

■ 0.0000, 0.0000,
0.0681

■ 68.3177, 68.1490,
84.4163

■ 68.3177, 68.1490,
84.4163

■ 60.8047, 56.3933,
82.5442

■ 76.7484, 81.5951,
86.5683

■ 54.1677, 46.2497,
80.9361

■ 85.4814, 95.5023,
88.7924

■ 48.3705, 37.6464,
79.5811

■ 87.9771, 96.7890,
88.9092

■ 43.3719, 30.5027,
78.4657

■ 90.5726, 98.1269,
89.0307

■ 39.1268, 24.7306,
77.5753

■ 91.2831, 98.4933,
89.0639

■ 35.5854, 20.2322,
76.8936

■ 32.6911, 16.8964,
76.4023

■ 30.3775, 14.5921,
76.0795

■ 28.5501, 13.1326,
75.8941

Harmonies

Analogous

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



66.0903, 68.1490, 88.4851



68.3177, 68.1490, 84.4163



69.6113, 68.1490, 77.7401

Triad

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



68.3177, 68.1490, 84.4163



65.9973, 68.1490, 61.4841



60.1888, 68.1490, 78.0118

Complementary

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



68.3177, 68.1490, 84.4163



68.6725, 76.0503, 72.6912

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.



60.1654, 68.1490, 70.7742



68.3177, 68.1490, 84.4163



63.4745, 68.1490, 61.5462

Square

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



68.3177, 68.1490, 84.4163



68.2481, 68.1490, 64.6722



61.3542, 68.1490, 64.8480



61.4191, 68.1490, 84.6263

Rectangle

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



68.3177, 68.1490, 84.4163



69.7490, 68.1490, 72.8582



61.3542, 68.1490, 64.8480



60.0406, 68.1490, 75.5636

Sweetspot

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



68.3197, 68.1519, 84.4178



92.8544, 96.4849, 108.3372



65.9668, 69.1993, 84.7440



19.8977, 20.6886, 23.1945



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.



68.3197, 68.1519, 84.4178



84.5467, 83.3001, 106.2302



69.7279, 68.9338, 81.9558



14.5292, 14.3750, 18.1532



16.1297, 7.3811, 42.9577



1.2870, 0.5945, 3.1789

Inverse Universe

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



68.4542, 68.4243, 75.2483



84.7650, 83.7226, 92.2381



67.3627, 75.3241, 74.9341



14.5636, 14.4426, 15.9023



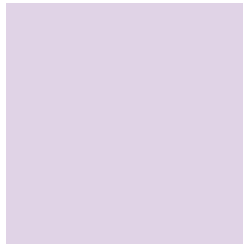
19.1981, 9.8135, 4.6722



1.4596, 0.7415, 0.5606

Previews

White Background



This preview shows how the XYZ color 68.3177, 68.1490, 84.4163 looks on a white background.

Color Contrast Check

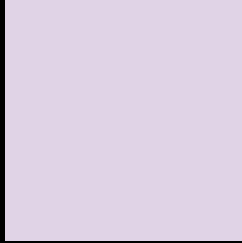
Large Text (above 18pt) WCAG AA × Fail

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 68.3177, 68.1490, 84.4163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

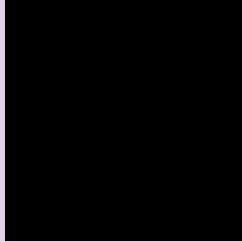
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.3177, 68.1490, 84.4163

Background



This preview shows how black text looks on a background with the XYZ color 68.3177, 68.1490, 84.4163.



This preview shows how white text looks on a background with the XYZ color 68.3177, 68.1490,

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

68.3177, 68.1490, 84.4163

Protanopia

66.3436, 68.2155, 86.0141

Deuteranopia

69.3965, 67.9721, 84.3253



Tritanopia

68.0383, 68.0373, 82.9453

Trichromacy



Original Color

68.3177, 68.1490, 84.4163

Protanomaly

67.1315, 68.2634, 85.2393

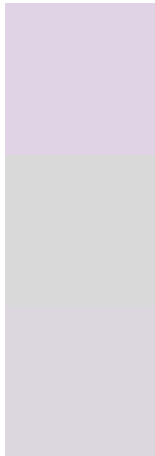
Deuteranomaly

69.0081, 68.1373, 84.3776

Tritanomaly

68.1776, 68.0930, 83.6787

Monochromacy



Original Color

68.3177, 68.1490, 84.4163

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.0005, 69.0904, 78.9117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3177, 68.1490, 84.4163 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, 211, 230) looks like.

```
.text, #text, p{  
    color:rgb(224, 211, 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, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 211, 230) }
```

Border

The CSS property to change the border of an element to XYZ 68.3177, 68.1490, 84.4163 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, 211, 230) }
```


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

```
.border{ border-color:rgb(224, 211, 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, 211, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(224, 211,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3177, 68.1490, 84.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 211, 230) }
```

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

```
.background{ background-color: rgb(224,  
211, 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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