

Converting Colors

XYZ(67.3838, 68.7681, 85.3234)

Have a look what the booklet for
XYZ(67.3838, 68.7681, 85.3234)
contains.

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Color

**XYZ(67.3838, 68.7681,
85.3234)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD6E7
RGB	218, 214, 231
RGB Percent	85%, 84%, 91%
CMY	0.1451, 0.1608, 0.0941
CMYK	0.06, 0.07, 0.00, 0.09
HSL	254°, 26%, 87%
HSV	254°, 7%, 91%
XYZ	67.3838, 68.7681, 85.3234
YIQ	217.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

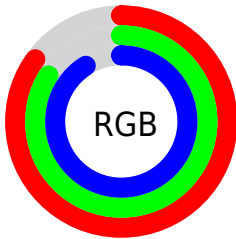
Format	Color
R _Y B	218, 214, 231
Decimal	14341863
CIE Lab	86.39, 4.50, -7.86
CIE LCh	86, 9.055, 299.831
Yxy	68.7681, 0.3042, 0.3105
Android (android.graphics.Color)	4292531943 (0xFFDAD6E7)
YUV	217.1340, 6.8359, 0.7595
Hunter-Lab	82.9265, -0.0773, -2.9551

Details

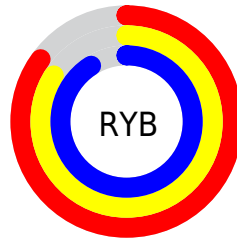
The XYZ color **67.3838, 68.7681, 85.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3947, 78.3397, 74.9272**, and the grayscale version is **66.0030, 69.4403, 75.6205**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2403, 35.6779, 45.5866** is the 20% darker color. If you saturate the color by 10%, you get **56.9426, 55.3151, 83.2781**, and if you desaturate by 10%, it is **79.2213, 84.1754, 87.6745**.

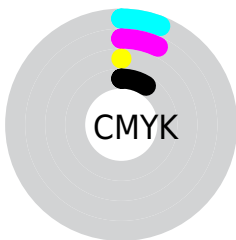
Distribution



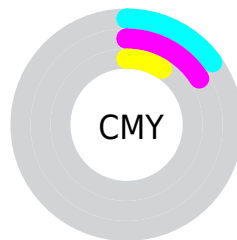
- Red (85%)
- Green (84%)
- Blue (91%)



- Red (85%)
- Yellow (84%)
- Blue (91%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3838, 68.7681, 85.3234 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 67.3838, 68.7681, 85.3234 by changing the saturation by 10% instead.

67.3838, 68.7681,
85.3234

67.3838, 68.7681,
85.3234

440.7207,
456.2127, 532.8700

49.6684, 50.5229,
63.5569

114.5169,
117.4503, 142.7031

35.3667, 35.8290,
45.8480

144.6654,
148.6560, 179.1534

24.1133, 24.3022,
31.7781

179.6890,
184.9508, 221.3355

15.5429, 15.5579,
20.9287

219.9531,
226.7188, 269.6677

9.2901, 9.2119,
12.8811

265.8229,
274.3447, 324.5688

4.9895, 4.8796,
7.2170

317.6639,

2.2758, 2.1768,

328.2127, 386.4572

3.5177

375.8414,
388.7072, 455.7514

■ 0.7822, 0.7073,
1.3647

■ 0.0000, 0.0000,
0.1139

■ 67.3838, 68.7681,
85.3234

■ 67.3838, 68.7681,
85.3234

■ 56.9426, 55.3151,
83.2781

■ 79.2213, 84.1754,
87.6745

■ 47.8394, 43.7291,
81.5215

■ 90.8154, 98.2358,
89.7773

■ 40.0206, 33.9292,
80.0421

■ 91.4240, 98.5496,
89.8058

■ 33.4266, 25.8252,
78.8254

■ 27.9928, 19.3186,
77.8559

■ 23.6486, 14.3009,
77.1163

■ 20.3149, 10.6496,
76.5873

■ 17.9011, 8.2218,
76.2459

■ 16.2931, 6.8315,
76.0623

Harmonies

Analogous

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



65.3502, 68.7681, 86.9998



67.3838, 68.7681, 85.3234



68.9023, 68.7681, 80.8177

Triad

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



67.3838, 68.7681, 85.3234



67.4048, 68.7681, 65.3507



61.4209, 68.7681, 74.8428

Complementary

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



67.3838, 68.7681, 85.3234



72.3947, 78.3397, 74.9272

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.



61.9451, 68.7681, 69.2344



67.3838, 68.7681, 85.3234



65.3739, 68.7681, 63.9357

Square

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



67.3838, 68.7681, 85.3234



68.9146, 68.7681, 69.2902



63.3811, 68.7681, 65.3197



61.9337, 68.7681, 80.7558

Rectangle

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



67.3838, 68.7681, 85.3234



69.4025, 68.7681, 76.9295



63.3811, 68.7681, 65.3197



61.4815, 68.7681, 72.8609

Sweetspot

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



67.3858, 68.7710, 85.3249



92.0240, 96.0567, 108.2984



69.6359, 75.0242, 86.4133



19.7286, 20.6014, 23.1866



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.



67.3858, 68.7710, 85.3249



81.9950, 83.0428, 106.3150



69.9832, 70.1100, 85.4465



13.8985, 14.0499, 18.1237



9.0399, 3.7261, 42.6259



0.7490, 0.3171, 3.1537

Inverse Universe

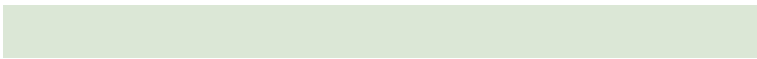
The Inverse Universe completely reimagines the original color for something new.



70.8692, 70.6312, 82.5746



87.3039, 85.8787, 102.0917



69.7890, 76.9964, 74.8053



14.8426, 14.5542, 17.3713



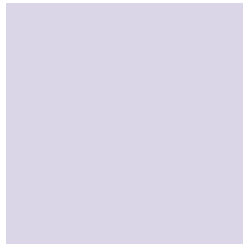
22.9566, 11.3169, 24.4641



1.7316, 0.8503, 1.9930

Previews

White Background



This preview shows how the XYZ color 67.3838, 68.7681, 85.3234 looks on a white background.

Color Contrast Check

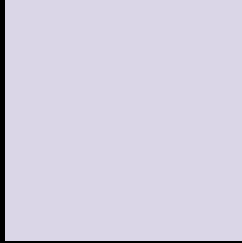
Large Text (above 18pt) WCAG AA × Fail

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 67.3838, 68.7681, 85.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

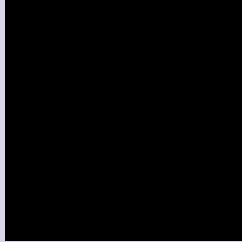
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3838, 68.7681, 85.3234

Background



This preview shows how black text looks on a background with the XYZ color 67.3838, 68.7681, 85.3234.



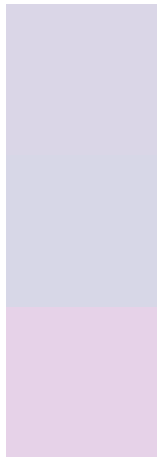
This preview shows how white text looks on a background with the XYZ color 67.3838, 68.7681,

85.3234.

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

67.3838, 68.7681, 85.3234

Protanopia

66.7486, 68.8175, 85.3664

Deuteranopia

70.2452, 68.7424, 85.9102



Tritanopia

67.3838, 68.7681, 85.3234

Trichromacy



Original Color

67.3838, 68.7681, 85.3234

Protanomaly

67.0431, 68.9693, 85.3802

Deuteranomaly

69.2238, 68.5835, 85.9334

Tritanomaly

67.3838, 68.7681, 85.3234

Monochromacy



Original Color

67.3838, 68.7681, 85.3234

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.3560, 69.1374, 78.9548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3838, 68.7681, 85.3234 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(218, 214, 231) looks like.

```
.text, #text, p{  
    color:rgb(218, 214, 231)  
}
```

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(218, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 214, 231) }
```

Border

The CSS property to change the border of an element to XYZ 67.3838, 68.7681, 85.3234 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(218, 214, 231) }
```


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

```
.border{ border-color:rgb(218, 214, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(218, 214,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3838, 68.7681, 85.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 214, 231) }
```

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

```
.background{ background-color: rgb(218,  
214, 231) }
```

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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