

Converting Colors

XYZ(66.2138, 68.1974, 83.8023)

Have a look what the booklet for
XYZ(66.2138, 68.1974, 83.8023)
contains.

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Color

**XYZ(66.2138, 68.1974,
83.8023)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D6E5
RGB	215, 214, 229
RGB Percent	84%, 84%, 90%
CMY	0.1569, 0.1608, 0.1020
CMYK	0.06, 0.07, 0.00, 0.10
HSL	244°, 22%, 87%
HSV	244°, 7%, 90%
XYZ	66.2138, 68.1974, 83.8023
YIQ	216.0090, -4.2190, 4.8770

Conversions

Conversions Part 2

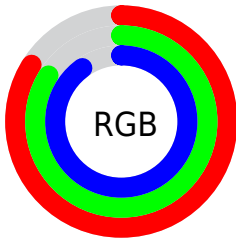
Format	Color
R _Y B	215, 214, 229
Decimal	14145253
CIE Lab	86.11, 3.13, -7.24
CIE LCh	86, 7.891, 293.393
Yxy	68.1974, 0.3034, 0.3125
Android (android.graphics.Color)	4292335333 (0xFFD7D6E5)
YUV	216.0090, 6.4046, -0.8849
Hunter-Lab	82.5817, -1.3972, -2.3591

Details

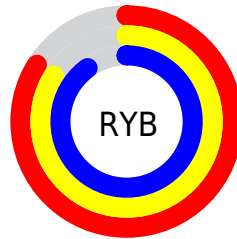
The XYZ color **66.2138, 68.1974, 83.8023** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1543, 77.3894, 74.7565**, and the grayscale version is **65.2379, 68.6354, 74.7439**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5353, 35.3258, 45.0428** is the 20% darker color. If you saturate the color by 10%, you get **54.9485, 54.3842, 81.7309**, and if you desaturate by 10%, it is **79.1182, 84.0687, 86.1867**.

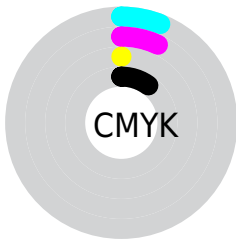
Distribution



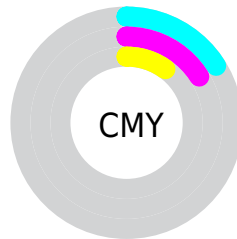
- Red (84%)
- Green (84%)
- Blue (90%)



- Red (84%)
- Yellow (84%)
- Blue (90%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2138, 68.1974, 83.8023 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 66.2138, 68.1974, 83.8023 by changing the saturation by 10% instead.

■ 66.2138, 68.1974,
83.8023

■ 66.2138, 68.1974,
83.8023

436.6177,
454.1951, 527.6974

■ 48.7143, 50.0583,
62.3078

112.8492,
116.6345, 140.5579

■ 34.6065, 35.4598,
44.8440

142.7158,
147.7013, 176.6560

■ 23.5250, 24.0172,
30.9925

177.4355,
183.8462, 218.4590

■ 15.1045, 15.3464,
20.3348

217.3736,
225.4535, 266.3856

■ 8.9795, 9.0629,
12.4521

262.8955,
272.9077, 320.8541

■ 4.7848, 4.7822,
6.9261

314.3666,

■ 2.1550, 2.1201,

326.5931, 382.2833

3.3382

372.1522,
386.8941, 451.0915

■ 0.7189, 0.6759,
1.2698

■ 0.0000, 0.0000,
0.0369

■ 66.2138, 68.1974,
83.8023

■ 66.2138, 68.1974,
83.8023

■ 54.9485, 54.3842,
81.7309

■ 79.1182, 84.0687,
86.1867

■ 45.2508, 42.5367,
79.9552

■ 91.1431, 98.4372,
88.3263

■ 37.0530, 32.5679,
78.4631

■ 30.2802, 24.3814,
77.2399

■ 24.8508, 17.8719,
76.2696

■ 20.6750, 12.9232,
75.5345

■ 17.6521, 9.4041,
75.0146

■ 15.6657, 7.1620,
74.6865

■ 14.5731, 6.0063,
74.5210

Harmonies

Analogous

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



64.4193, 68.1974, 84.6228



66.2138, 68.1974, 83.8023



67.6590, 68.1974, 80.3705

Triad

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



66.2138, 68.1974, 83.8023



66.9211, 68.1974, 66.5245



61.4174, 68.1974, 73.1124

Complementary

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



66.2138, 68.1974, 83.8023



72.1543, 77.3894, 74.7565

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.



62.0608, 68.1974, 68.4586



66.2138, 68.1974, 83.8023



65.2216, 68.1974, 64.7713

Square

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



66.2138, 68.1974, 83.8023



68.0726, 68.1974, 70.3609



63.4451, 68.1974, 65.4625



61.6719, 68.1974, 78.2910

Rectangle

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



66.2138, 68.1974, 83.8023



68.2185, 68.1974, 77.1460



63.4451, 68.1974, 65.4625



61.5354, 68.1974, 71.4379

Sweetspot

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



66.2158, 68.2003, 83.8038



91.7146, 95.8973, 108.2839



69.6888, 75.5795, 85.0451



19.6656, 20.5689, 23.1837



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.



66.2158, 68.2003, 83.8038



82.2214, 84.2332, 106.5328



68.3927, 69.3225, 83.9057



13.6711, 13.9327, 18.1131



8.2359, 3.3117, 42.5883



0.6400, 0.2609, 3.1486

Inverse Universe

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



70.3656, 70.3557, 83.2735



88.6664, 87.5808, 105.6989



69.9017, 76.2282, 74.6510



14.9516, 14.5978, 17.9454



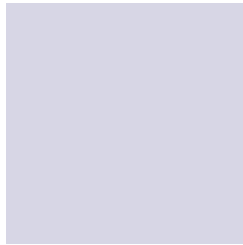
25.4165, 12.3008, 37.4176



1.8907, 0.9140, 2.8311

Previews

White Background



This preview shows how the XYZ color 66.2138, 68.1974, 83.8023 looks on a white background.

Color Contrast Check

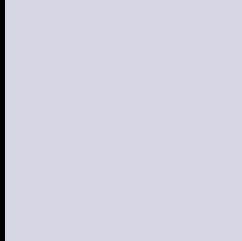
Large Text (above 18pt) WCAG AA × Fail

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 66.2138, 68.1974, 83.8023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

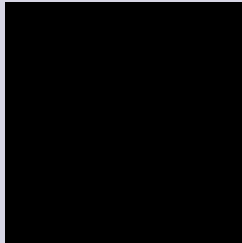
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

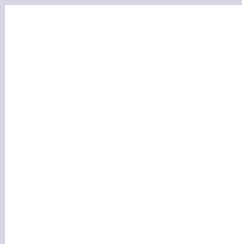
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2138, 68.1974, 83.8023

Background



This preview shows how black text looks on a background with the XYZ color 66.2138, 68.1974, 83.8023.

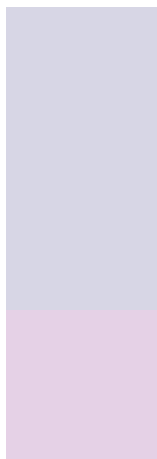


This preview shows how white text looks on a background with the XYZ color 66.2138, 68.1974,

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

66.2138, 68.1974, 83.8023

Protanopia

66.2138, 68.1974, 83.8023

Deuteranopia

69.3965, 67.9721, 84.3253



Tritanopia

66.4947, 68.3097, 85.2818

Trichromacy



Original Color

66.2138, 68.1974, 83.8023

Protanomaly

66.2138, 68.1974, 83.8023

Deuteranomaly

68.3177, 68.1490, 84.4163

Tritanomaly

66.3538, 68.2534, 84.5399

Monochromacy



Original Color

66.2138, 68.1974, 83.8023

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.6705, 68.4203, 78.1518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2138, 68.1974, 83.8023 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(215, 214, 229) looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 229)  
}
```

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(215, 214, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 229) }
```

Border

The CSS property to change the border of an element to XYZ 66.2138, 68.1974, 83.8023 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(215, 214, 229) }
```


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

```
.border{ border-color:rgb(215, 214, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 214, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 229);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2138, 68.1974, 83.8023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 229) }
```

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

```
.background{ background-color: rgb(215,  
214, 229) }
```

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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