

Converting Colors

XYZ(66.0434, 67.0491, 82.0978)

Have a look what the booklet for
XYZ(66.0434, 67.0491, 82.0978)
contains.

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Color

**XYZ(66.0728, 67.0400,
82.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD3E3
RGB	218, 211, 227
RGB Percent	85%, 83%, 89%
CMY	0.1451, 0.1725, 0.1098
CMYK	0.04, 0.07, 0.00, 0.11
HSL	266°, 22%, 86%
HSV	266°, 7%, 89%
XYZ	66.0728, 67.0400, 82.1306
YIQ	214.9170, -0.9640, 6.4600

Conversions

Conversions Part 2

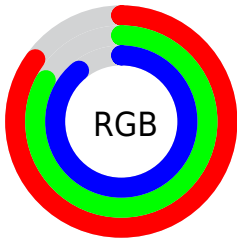
Format	Color
R _Y B	218, 211, 227
Decimal	14341091
CIE Lab	85.52, 5.32, -7.02
CIE LCh	86, 8.807, 307.179
Yxy	67.0400, 0.3070, 0.3115
Android (android.graphics.Color)	4292531171 (0xFFDAD3E3)
YUV	214.9170, 5.9569, 2.7038
Hunter-Lab	81.8780, 0.7572, -2.1584

Details

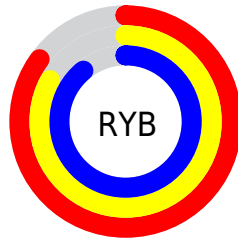
The XYZ color **66.0728, 67.0400, 82.1306** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7446, 74.8587, 72.4573**, and the grayscale version is **64.4982, 67.8572, 73.8965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6076, 34.8790, 43.9380** is the 20% darker color. If you saturate the color by 10%, you get **57.1541, 54.6549, 80.2111**, and if you desaturate by 10%, it is **76.0861, 81.1753, 84.3322**.

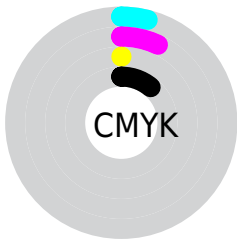
Distribution



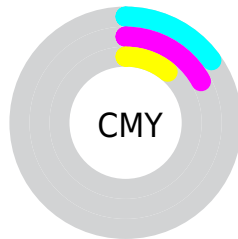
- Red (85%)
- Green (83%)
- Blue (89%)



- Red (85%)
- Yellow (83%)
- Blue (89%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0728, 67.0400, 82.1306 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 66.0728, 67.0400, 82.1306 by changing the saturation by 10% instead.

■ 66.0728, 67.0400,
82.1306

■ 66.0728, 67.0400,
82.1306

436.1217,
450.0871, 521.9793

■ 48.5994, 49.1171,
60.9368

112.6480,
114.9777, 138.1955

■ 34.5150, 34.7124,
43.7439

142.4805,
145.7614, 173.9035

■ 23.4543, 23.4414,
30.1335

177.1634,
181.6007, 215.2868

■ 15.0519, 14.9198,
19.6870

217.0621,
222.8802, 262.7637

■ 8.9423, 8.7631,
11.9859

262.5419,
269.9842, 316.7529

■ 4.7604, 4.5870,
6.6117

313.9682,

■ 2.1407, 2.0070,

323.2971, 377.6729

3.1457

371.7064,
383.2033, 445.9422

■ 0.7112, 0.6116,
1.1695

■ 0.0000, 0.0000,
0.0000

■ 66.0728, 67.0400,
82.1306

■ 66.0728, 67.0400,
82.1306

■ 57.1541, 54.6549,
80.2111

■ 76.0861, 81.1753,
84.3322

■ 49.2843, 43.9415,
78.5580

■ 86.7757, 96.2179,
86.6724

■ 42.4231, 34.8282,
77.1606

■ 90.8653, 98.3261,
86.8637

■ 36.5249, 27.2346,
76.0057

■ 31.5406, 21.0732,
75.0792

■ 27.4161, 16.2472,
74.3650

■ 24.0907, 12.6473,
73.8455

■ 21.4944, 10.1461,
73.4995

■ 19.5382, 8.5786,
73.3001

Harmonies

Analogous

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



64.2015, 67.0400, 84.4818



66.0728, 67.0400, 82.1306



67.3318, 67.0400, 77.3526

Triad

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



66.0728, 67.0400, 82.1306



65.2234, 67.0400, 63.3032



59.9781, 67.0400, 74.3807

Complementary

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



66.0728, 67.0400, 82.1306



68.7446, 74.8587, 72.4573

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.



60.2388, 67.0400, 68.8045



66.0728, 67.0400, 82.1306



63.2399, 67.0400, 62.6000

Square

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



66.0728, 67.0400, 82.1306



66.8342, 67.0400, 66.5372



61.4228, 67.0400, 64.5636



60.7031, 67.0400, 79.8580

Rectangle

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



66.0728, 67.0400, 82.1306



67.6398, 67.0400, 73.5388



61.4228, 67.0400, 64.5636



59.9537, 67.0400, 72.4542

Sweetspot

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



66.0748, 67.0429, 82.1321



92.3968, 96.2489, 108.3158



66.3422, 70.6187, 82.8082



19.8046, 20.6405, 23.1902



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.



66.0748, 67.0429, 82.1321



84.7867, 85.5557, 106.6529



68.5045, 68.2954, 82.2458



14.1779, 14.1940, 18.1368



11.2340, 4.8572, 42.7286



0.9352, 0.4131, 3.1624

Inverse Universe

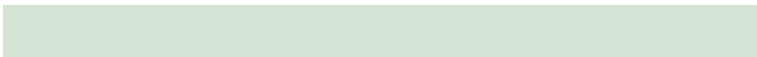
The Inverse Universe completely reimagines the original color for something new.



67.8934, 68.0897, 77.2778



87.4804, 87.1064, 99.4536



66.4000, 73.6500, 72.3476



14.7149, 14.5031, 16.6990



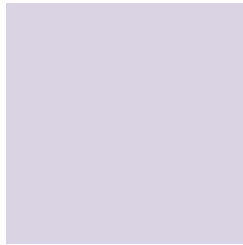
20.7961, 10.4526, 13.0869



1.5832, 0.7910, 1.2119

Previews

White Background



This preview shows how the XYZ color 66.0728, 67.0400, 82.1306 looks on a white background.

Color Contrast Check

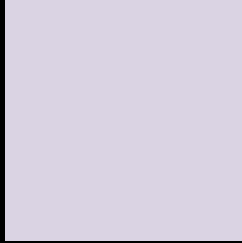
Large Text (above 18pt) WCAG AA × Fail

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 66.0728, 67.0400, 82.1306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

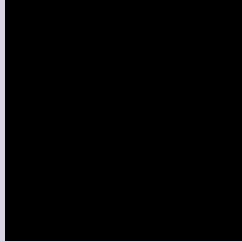
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0728, 67.0400, 82.1306

Background



This preview shows how black text looks on a background with the XYZ color 66.0728, 67.0400, 82.1306.

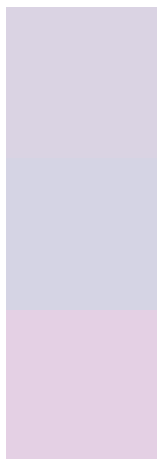


This preview shows how white text looks on a background with the XYZ color 66.0728, 67.0400,

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

66.0728, 67.0400, 82.1306

Protanopia

64.9876, 66.8345, 82.8739

Deuteranopia

68.5544, 67.2072, 82.7579



Tritanopia

66.2113, 67.0954, 82.8598

Trichromacy



Original Color

66.0728, 67.0400, 82.1306

Protanomaly

65.5714, 67.1355, 82.9012

Deuteranomaly

67.5445, 67.0497, 82.7807

Tritanomaly

66.2113, 67.0954, 82.8598

Monochromacy



Original Color

66.0728, 67.0400, 82.1306

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.1517, 67.8065, 76.6719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0728, 67.0400, 82.1306 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, 211, 227) looks like.

```
.text, #text, p{  
    color:rgb(218, 211, 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(218, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 211, 227) }
```

Border

The CSS property to change the border of an element to XYZ 66.0728, 67.0400, 82.1306 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, 211, 227) }
```


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

```
.border{ border-color:rgb(218, 211, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 211, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 211,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0728, 67.0400, 82.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 211, 227) }
```

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

```
.background{ background-color: rgb(218,  
211, 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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