

Converting Colors

XYZ(67.2925, 65.5668,
103.7167)

Have a look what the booklet for
XYZ(67.2925, 65.5668, 103.7167)
contains.

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Color

**XYZ(67.5142, 65.8427,
103.7583)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CFFF
RGB	212, 207, 255
RGB Percent	83%, 81%, 100%
CMY	0.1686, 0.1882, 0.0000
CMYK	0.17, 0.19, 0.00, 0.00
HSL	246°, 100%, 91%
HSV	246°, 19%, 100%
XYZ	67.5142, 65.8427, 103.7583
YIQ	213.9670, -12.4280, 15.9880

Conversions

Conversions Part 2

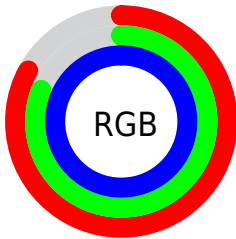
Format	Color
R _Y B	212, 207, 255
Decimal	13946879
CIE Lab	84.92, 11.14, -22.82
CIE LCh	85, 25.393, 296.023
Yxy	65.8427, 0.2847, 0.2777
Android (android.graphics.Color)	4292136959 (0xFFD4CFFF)
YUV	213.9670, 20.2293, -1.7251
Hunter-Lab	81.1435, 6.5170, -19.0137

Details

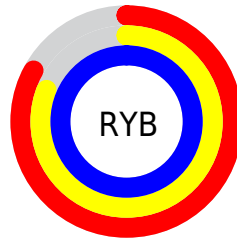
The XYZ color **67.5142, 65.8427, 103.7583** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.4482, 96.3496, 73.0755**, and the grayscale version is **63.7702, 67.0912, 73.0623**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4889, 34.0278, 58.1236** is the 20% darker color. If you saturate the color by 10%, you get **55.7021, 51.3124, 101.5762**, and if you desaturate by 10%, it is **81.2594, 82.8539, 106.3173**.

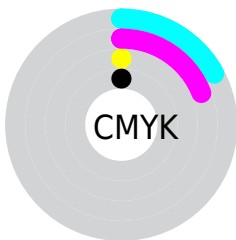
Distribution



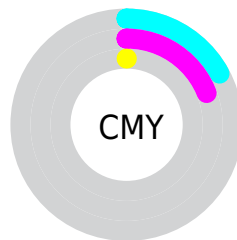
- Red (83%)
- Green (81%)
- Blue (100%)



- Red (83%)
- Yellow (81%)
- Blue (100%)



- Cyan (17%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5142, 65.8427, 103.7583 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 67.5142, 65.8427, 103.7583 by changing the saturation by 10% instead.

67.5142, 65.8427,
103.7583

67.5142, 65.8427,
103.7583

441.1766,
445.8141, 593.5254

49.7748, 48.1447,
78.8086

114.7026,
113.2605, 168.4092

35.4516, 33.9415,
58.2181

144.8824,
143.7492, 208.9475

24.1791, 22.8487,
41.5681

179.9397,
179.2702, 255.5191

15.5920, 14.4818,
28.4403

220.2399,
220.2079, 308.5425

9.3249, 8.4565,
18.4159

266.1484,
266.9468, 368.4363

5.0125, 4.3884,
11.0764

318.0304,

2.2894, 1.8931,

319.8712, 435.6190

6.0035

376.2514,
379.3655, 510.5092

■ 0.7893, 0.5442,
2.7784

■ 0.0000, 0.0000,
0.9826

■ 67.5142, 65.8427,
103.7583

■ 67.5142, 65.8427,
103.7583

■ 55.7021, 51.3124,
101.5762

■ 81.2594, 82.8539,
106.3173

■ 45.7309, 39.1394,
99.7521

95.0500, 100.0000,
108.9000

■ 37.5089, 29.2014,
98.2672

■ 30.9346, 21.3619,
97.1006

■ 25.8957, 15.4695,
96.2288

■ 22.2659, 11.3520,
95.6254

■ 19.8981, 8.8071,
95.2589

■ 18.5963, 7.5500,
95.0849

■ 18.4903, 7.4470,
95.0706

Harmonies

Analogous

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



61.8245, 65.8427, 107.7842



67.5142, 65.8427, 103.7583



72.1172, 65.8427, 90.7026

Triad

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



67.5142, 65.8427, 103.7583



68.9085, 65.8427, 48.6854



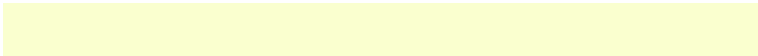
52.2724, 65.8427, 69.5366

Complementary

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



67.5142, 65.8427, 103.7583



86.4482, 96.3496, 73.0755

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.



53.9258, 65.8427, 55.5418



67.5142, 65.8427, 103.7583



63.3447, 65.8427, 44.7164

Square

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



67.5142, 65.8427, 103.7583



72.9559, 65.8427, 58.7833



57.8951, 65.8427, 47.0229



53.2404, 65.8427, 86.3632

Rectangle

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



67.5142, 65.8427, 103.7583



73.8308, 65.8427, 79.5430



57.8951, 65.8427, 47.0229



52.5372, 65.8427, 64.3744

Sweetspot

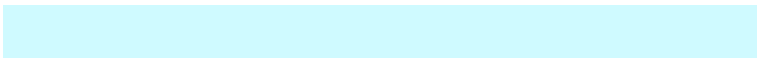
The Sweet Spot groups the original color and five complimentary colors.



67.5161, 65.8453, 103.7587



85.4976, 88.1161, 107.1096



78.0314, 88.9819, 107.6703



18.0870, 18.5958, 22.8860



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.



67.5161, 65.8453, 103.7587



62.3500, 59.4784, 102.8020



74.8903, 69.6469, 104.1038



17.1785, 17.4682, 22.7163



9.7183, 3.9204, 49.6791



1.0014, 0.4102, 4.8397

Inverse Universe

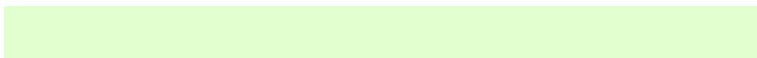
The Inverse Universe completely reimagines the original color for something new.



80.8096, 72.7902, 100.2350



78.1411, 67.7308, 98.4897



78.4507, 92.2268, 72.7012



18.7063, 18.2659, 22.3367



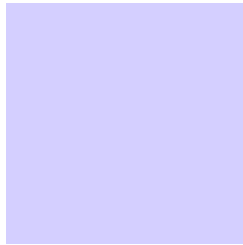
28.9314, 14.0619, 39.8850



2.8394, 1.3781, 4.0019

Previews

White Background



This preview shows how the XYZ color 67.5142, 65.8427, 103.7583 looks on a white background.

Color Contrast Check

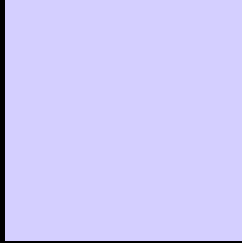
Large Text (above 18pt) WCAG AA × Fail

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 67.5142, 65.8427, 103.7583 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 67.5142, 65.8427, 103.7583

Background



This preview shows how black text looks on a background with the XYZ color 67.5142, 65.8427, 103.7583.

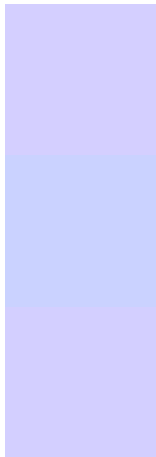


This preview shows how white text looks on a background with the XYZ color 67.5142, 65.8427,

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

67.5142, 65.8427, 103.7583

Protanopia

65.4537, 65.8697, 103.8721

Deuteranopia

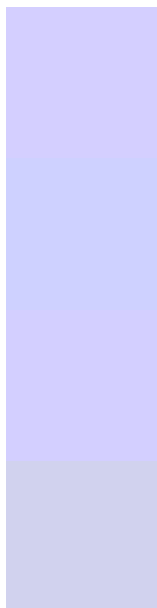
67.2268, 65.6945, 103.7448



Tritanopia

63.2792, 65.9538, 82.7940

Trichromacy



Original Color

67.5142, 65.8427, 103.7583

Protanomaly

66.3041, 65.9427, 103.8414

Deuteranomaly

67.2268, 65.6945, 103.7448

Tritanomaly

64.7737, 65.8215, 90.1798

Monochromacy



Original Color

67.5142, 65.8427, 103.7583

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.8777, 66.3918, 83.5242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5142, 65.8427, 103.7583 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(212, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 207, 255)  
}
```

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(212, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.5142, 65.8427, 103.7583 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(212, 207, 255) }
```


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

```
.border{ border-color:rgb(212, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5142, 65.8427, 103.7583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 207, 255) }
```

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

```
.background{ background-color: rgb(212,  
207, 255) }
```

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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