

Converting Colors

XYZ(67.5781, 66.0070,
103.1996)

Have a look what the booklet for
XYZ(67.5781, 66.0070, 103.1996)
contains.

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Color

**XYZ(67.3536, 65.7785,
102.9125)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CFFE
RGB	212, 207, 254
RGB Percent	83%, 81%, 100%
CMY	0.1686, 0.1882, 0.0039
CMYK	0.17, 0.19, 0.00, 0.00
HSL	246°, 96%, 90%
HSV	246°, 19%, 100%
XYZ	67.3536, 65.7785, 102.9125
YIQ	213.8530, -12.1070, 15.6770

Conversions

Conversions Part 2

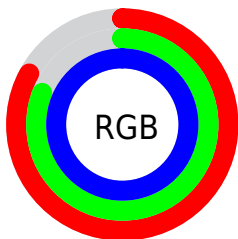
Format	Color
R _Y B	212, 207, 254
Decimal	13946878
CIE Lab	84.88, 10.93, -22.34
CIE LCh	85, 24.869, 296.068
Yxy	65.7785, 0.2853, 0.2787
Android (android.graphics.Color)	4292136958 (0xFFD4CFFE)
YUV	213.8530, 19.7925, -1.6251
Hunter-Lab	81.1039, 6.3052, -18.4601

Details

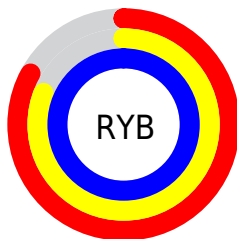
The XYZ color **67.3536, 65.7785, 102.9125** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.7735, 95.5300, 72.9529**, and the grayscale version is **63.6964, 67.0136, 72.9778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3739, 33.9818, 57.5181** is the 20% darker color. If you saturate the color by 10%, you get **55.5983, 51.3077, 100.7400**, and if you desaturate by 10%, it is **81.0228, 82.7087, 105.4610**.

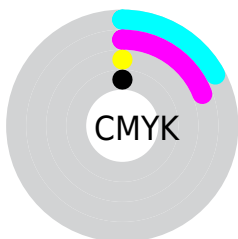
Distribution



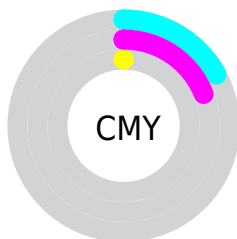
- Red (83%)
- Green (81%)
- Blue (100%)



- 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 67.3536, 65.7785, 102.9125 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 67.3536, 65.7785, 102.9125 by changing the saturation by 10% instead.

67.3536, 65.7785,
102.9125

67.3536, 65.7785,
102.9125

440.6151,
445.5843, 590.8168

49.6438, 48.0926,
78.1047

114.4739,
113.1684, 167.2406

35.3471, 33.9002,
57.6430

144.6152,
143.6411, 207.5979

24.0981, 22.8170,
41.1089

179.6310,
179.1450, 253.9756

15.5316, 14.4584,
28.0839

219.8866,
220.0643, 306.7920

9.2820, 8.4402,
18.1493

265.7475,
266.7835, 366.4659

4.9842, 4.3779,
10.8867

317.5790,

2.2726, 1.8871,

319.6870, 433.4156

5.8775

375.7464,
379.1591, 508.0597

■ 0.7806, 0.5406,
2.7031

■ 0.0000, 0.0000,
0.9450

■ 67.3536, 65.7785,
102.9125

■ 67.3536, 65.7785,
102.9125

■ 55.5983, 51.3077,
100.7400

■ 81.0228, 82.7087,
105.4610

■ 45.6653, 39.1739,
98.9215

94.8896, 99.9358,
108.0553

■ 37.4647, 29.2567,
97.4395

■ 30.8965, 21.4214,
96.2733

■ 25.8505, 15.5187,
95.3999

■ 22.2023, 11.3794,
94.7932

■ 19.8079, 8.8044,
94.4224

■ 18.4783, 7.5206,
94.2447

■ 18.3419, 7.3890,
94.2265

Harmonies

Analogous

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



61.7878, 65.7785, 106.8489



67.3536, 65.7785, 102.9125



71.8493, 65.7785, 90.1749

Triad

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



67.3536, 65.7785, 102.9125



68.7014, 65.7785, 49.0371



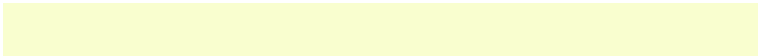
52.4181, 65.7785, 69.5356

Complementary

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



67.3536, 65.7785, 102.9125



85.7735, 95.5300, 72.9529

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.



54.0363, 65.7785, 55.8055



67.3536, 65.7785, 102.9125



63.2589, 65.7785, 45.1374

Square

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



67.3536, 65.7785, 102.9125



72.6594, 65.7785, 58.9524



57.9243, 65.7785, 47.4188



53.3716, 65.7785, 85.9871

Rectangle

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



67.3536, 65.7785, 102.9125



73.5201, 65.7785, 79.2757



57.9243, 65.7785, 47.4188



52.6766, 65.7785, 64.4768

Sweetspot

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



67.3557, 65.7812, 102.9140



85.5092, 88.1221, 107.1102



77.5920, 88.3599, 106.7326



18.0897, 18.5972, 22.8861



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.



67.3557, 65.7812, 102.9140



63.5902, 60.9809, 103.0267



74.5315, 69.4805, 103.2498



17.1822, 17.4702, 22.7164



9.7269, 3.9249, 49.6795



1.0032, 0.4111, 4.8397

Inverse Universe

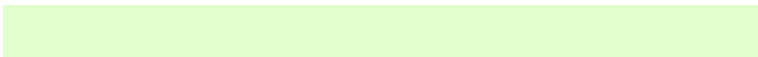
The Inverse Universe completely reimagines the original color for something new.



80.2869, 72.5388, 99.3952



78.7446, 68.9025, 98.7998



78.0077, 91.5266, 72.5895



18.7045, 18.2651, 22.3272



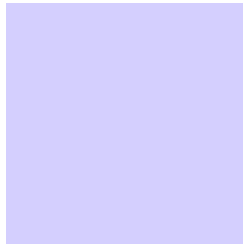
28.8911, 14.0457, 39.6726



2.8359, 1.3767, 3.9833

Previews

White Background



This preview shows how the XYZ color 67.3536, 65.7785, 102.9125 looks on a white background.

Color Contrast Check

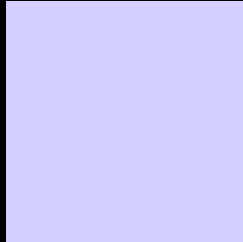
Large Text (above 18pt) WCAG AA × Fail

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 67.3536, 65.7785, 102.9125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

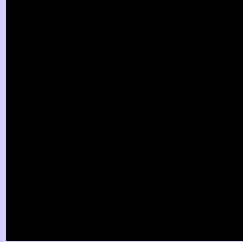
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3536, 65.7785, 102.9125

Background



This preview shows how black text looks on a background with the XYZ color 67.3536, 65.7785, 102.9125.

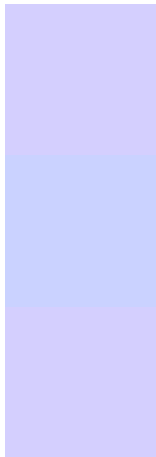


This preview shows how white text looks on a background with the XYZ color 67.3536, 65.7785,

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

67.3536, 65.7785, 102.9125

Protanopia

65.4537, 65.8697, 103.8721

Deuteranopia

67.3536, 65.7785, 102.9125



Tritanopia

63.2792, 65.9538, 82.7940

Trichromacy



Original Color

67.3536, 65.7785, 102.9125

Protanomaly

66.3041, 65.9427, 103.8414

Deuteranomaly

67.3536, 65.7785, 102.9125

Tritanomaly

64.6272, 65.7629, 89.4081

Monochromacy



Original Color

67.3536, 65.7785, 102.9125

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 67.3536, 65.7785, 102.9125 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(212, 207, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 207, 254) }
```

Border

The CSS property to change the border of an element to XYZ 67.3536, 65.7785, 102.9125 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, 254) }
```


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

```
.border{ border-color:rgb(212, 207, 254) }
```

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, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 207, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 207, 254);  
box-shadow:4px 4px 4px 4px rgb(212, 207,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3536, 65.7785, 102.9125 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, 254) }
```

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

```
.background{ background-color: rgb(212,  
207, 254) }
```

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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