

Converting Colors

XYZ(73.0104, 67.2136,
130.9195)

Have a look what the booklet for
XYZ(73.0104, 67.2136, 130.9195)
contains.

XYZ(67.9057, 65.3297, 103.6386)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.9057, 65.3297,
103.6386)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CDFF
RGB	215, 205, 255
RGB Percent	84%, 80%, 100%
CMY	0.1569, 0.1961, 0.0000
CMYK	0.16, 0.20, 0.00, 0.00
HSL	252°, 100%, 90%
HSV	252°, 20%, 100%
XYZ	67.9057, 65.3297, 103.6386
YIQ	213.6900, -10.0900, 17.6700

Conversions

Conversions Part 2

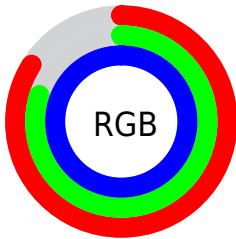
Format	Color
R _Y B	215, 205, 255
Decimal	14142975
CIE Lab	84.65, 13.13, -23.20
CIE LCh	85, 26.656, 299.520
Yxy	65.3297, 0.2867, 0.2758
Android (android.graphics.Color)	4292333055 (0xFFD7CDF5)
YUV	213.6900, 20.3658, 1.1489
Hunter-Lab	80.8268, 8.5178, -19.4447

Details

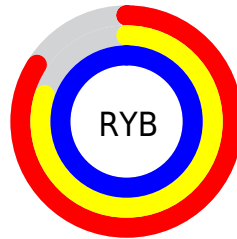
The XYZ color **67.9057, 65.3297, 103.6386** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.4368, 95.3408, 71.7128**, and the grayscale version is **63.5822, 66.8935, 72.8470**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7569, 33.6840, 58.0432** is the 20% darker color. If you saturate the color by 10%, you get **56.6745, 51.2120, 101.5056**, and if you desaturate by 10%, it is **80.8817, 81.8258, 106.1388**.

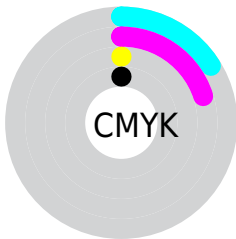
Distribution



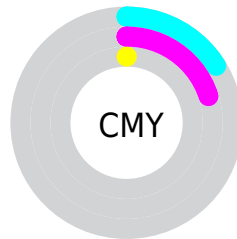
- Red (84%)
- Green (80%)
- Blue (100%)



- Red (84%)
- Yellow (80%)
- Blue (100%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9057, 65.3297, 103.6386 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 67.9057, 65.3297, 103.6386 by changing the saturation by 10% instead.

67.9057, 65.3297,
103.6386

67.9057, 65.3297,
103.6386

442.5438,
443.9758, 593.1424

50.0944, 47.7285,
78.7090

115.2599,
112.5237, 168.2439

35.7065, 33.6119,
58.1367

145.5335,
142.8853, 208.7566

24.3767, 22.5956,
41.5031

180.6919,
178.2692, 255.3008

15.7395, 14.2952,
28.3898

221.1005,
219.0596, 308.2950

9.4297, 8.3263,
18.3781

267.1247,
265.6411, 368.1577

5.0819, 4.3044,
11.0495

319.1297,

2.3306, 1.8453,

318.3981, 435.3075

5.9856

377.4809,
377.7148, 510.1629

■ 0.8103, 0.5152,
2.7677

■ 0.0000, 0.0000,
0.9773

■ 67.9057, 65.3297,
103.6386

■ 67.9057, 65.3297,
103.6386

■ 56.6745, 51.2120,
101.5056

■ 80.8817, 81.8258,
106.1388

■ 47.1069, 39.3546,
99.7211

95.0500, 100.0000,
108.9000

■ 39.1238, 29.6408,
98.2669

■ 32.6370, 21.9406,
97.1226

■ 27.5494, 16.1094,
96.2651

■ 23.7520, 11.9827,
95.6688

■ 21.1180, 9.3667,
95.3027

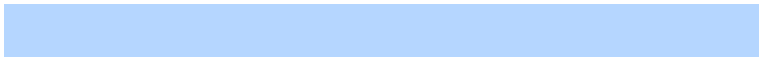
■ 19.4667, 7.9665,
95.1194

■ 19.4150, 7.9237,
95.1139

Harmonies

Analogous

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



61.9980, 65.3297, 109.2024



67.9057, 65.3297, 103.6386



72.4890, 65.3297, 89.0886

Triad

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



67.9057, 65.3297, 103.6386



68.0823, 65.3297, 46.4588



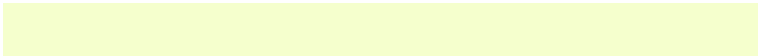
51.3378, 65.3297, 70.8585

Complementary

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



67.9057, 65.3297, 103.6386



84.4368, 95.3408, 71.7128

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.



52.7434, 65.3297, 55.7681



67.9057, 65.3297, 103.6386



62.1899, 65.3297, 43.1324

Square

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



67.9057, 65.3297, 103.6386



72.5954, 65.3297, 56.1738



56.6236, 65.3297, 46.2522



52.6574, 65.3297, 88.5367

Rectangle

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



67.9057, 65.3297, 103.6386



74.0419, 65.3297, 77.2634



56.6236, 65.3297, 46.2522



51.5058, 65.3297, 65.3356

Sweetspot

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



67.9076, 65.3323, 103.6390



86.0011, 88.3756, 107.1332



76.1334, 86.0105, 107.1968



18.2055, 18.6569, 22.8916



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.



67.9076, 65.3323, 103.6390



62.7617, 58.8420, 102.6575



75.5358, 69.2648, 103.9960



17.3422, 17.5526, 22.7239



10.2400, 4.1894, 49.7035



1.0806, 0.4510, 4.8434

Inverse Universe

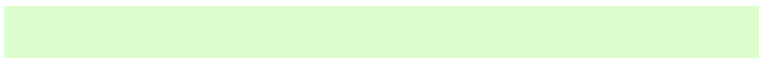
The Inverse Universe completely reimagines the original color for something new.



79.5541, 71.5175, 95.9990



76.6289, 66.2112, 93.3463



76.5490, 91.2745, 71.3437



18.6278, 18.2344, 21.9232



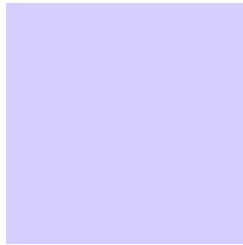
27.2989, 13.4088, 31.2879



2.6957, 1.3207, 3.2449

Previews

White Background



This preview shows how the XYZ color 67.9057, 65.3297, 103.6386 looks on a white background.

Color Contrast Check

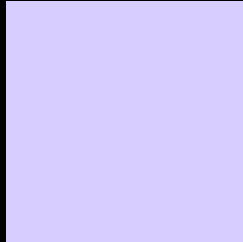
Large Text (above 18pt) WCAG AA × Fail

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 67.9057, 65.3297, 103.6386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

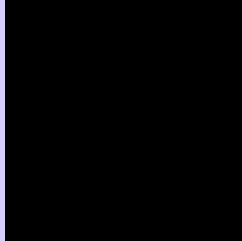
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.9057, 65.3297, 103.6386

Background



This preview shows how black text looks on a background with the XYZ color 67.9057, 65.3297, 103.6386.



This preview shows how white text looks on a background with the XYZ color 67.9057, 65.3297,

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

67.9057, 65.3297, 103.6386

Protanopia

64.9379, 65.2384, 103.7774

Deuteranopia

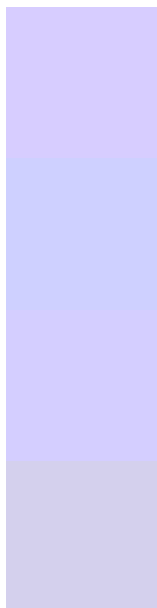
66.9412, 65.5473, 103.7315



Tritanopia

63.4901, 65.3409, 81.9388

Trichromacy



Original Color

67.9057, 65.3297, 103.6386

Protanomaly

66.0595, 65.4536, 103.7598

Deuteranomaly

67.2727, 65.3597, 103.6778

Tritanomaly

64.9933, 65.2232, 89.2846

Monochromacy



Original Color

67.9057, 65.3297, 103.6386

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.1687, 66.5418, 83.5378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9057, 65.3297, 103.6386 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, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 205, 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(215, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.9057, 65.3297, 103.6386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

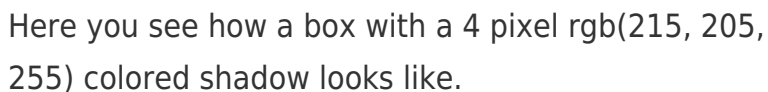
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 205, 255) }
```


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

```
.border{ border-color:rgb(215, 205, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 205, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 205, 255); box-shadow:4px 4px 4px 4px rgb(215, 205, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9057, 65.3297, 103.6386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 205, 255) }
```

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

```
.background{ background-color: rgb(215,  
205, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor