

Converting Colors

XYZ(67.8706, 63.6409,
103.3145)

Have a look what the booklet for
XYZ(67.8706, 63.6409, 103.3145)
contains.

XYZ(67.9177, 63.5886, 103.3019)	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(67.9177, 63.5886,
103.3019)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC8FF
RGB	219, 200, 255
RGB Percent	86%, 78%, 100%
CMY	0.1412, 0.2157, 0.0000
CMYK	0.14, 0.22, 0.00, 0.00
HSL	261°, 100%, 89%
HSV	261°, 22%, 100%
XYZ	67.9177, 63.5886, 103.3019
YIQ	211.9510, -6.3310, 21.1330

Conversions

Conversions Part 2

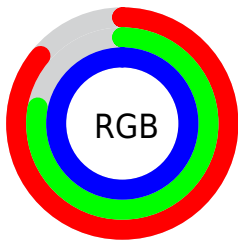
Format	Color
R _Y B	219, 200, 255
Decimal	14403839
CIE Lab	83.75, 17.05, -24.54
CIE LCh	84, 29.880, 304.792
Yxy	63.5886, 0.2892, 0.2708
Android (android.graphics.Color)	4292593919 (0xFFDBC8FF)
YUV	211.9510, 21.2232, 6.1820
Hunter-Lab	79.7425, 12.4815, -20.9872

Details

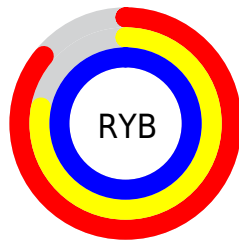
The XYZ color **67.9177, 63.5886, 103.3019** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.7787, 93.5236, 68.4408**, and the grayscale version is **62.4149, 65.6653, 71.5095**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7818, 32.5275, 57.8186** is the 20% darker color. If you saturate the color by 10%, you get **57.7252, 50.2875, 101.2718**, and if you desaturate by 10%, it is **79.6023, 79.1242, 105.6847**.

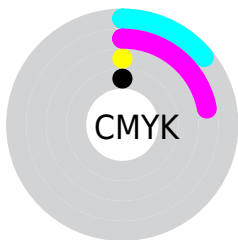
Distribution



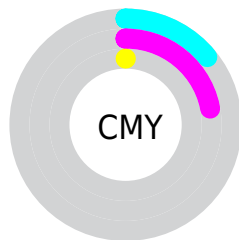
- Red (86%)
- Green (78%)
- Blue (100%)



- Red (86%)
- Yellow (78%)
- Blue (100%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9177, 63.5886, 103.3019 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 67.9177, 63.5886, 103.3019 by changing the saturation by 10% instead.

67.9177, 63.5886,
103.3019

67.9177, 63.5886,
103.3019

442.5857,
437.7025, 592.0646

50.1042, 46.3175,
78.4287

115.2770,
110.0182, 167.7787

35.7143, 32.4965,
57.9077

145.5534,
139.9456, 208.2195

24.3827, 21.7410,
41.3202

180.7150,
174.8606, 254.6865

15.7441, 13.6667,
28.2478

221.1269,
215.1474, 307.5983

9.4329, 7.8892,
18.2719

267.1546,
261.1907, 367.3735

5.0840, 4.0241,
10.9739

319.1633,

2.3319, 1.6871,

313.3747, 434.4306

5.9353

377.5186,
372.0838, 509.1881

■ 0.8109, 0.4153,
2.7376

■ 0.0000, 0.0000,
0.9623

■ 67.9177, 63.5886,
103.3019

■ 67.9177, 63.5886,
103.3019

■ 57.7252, 50.2875,
101.2718

■ 79.6023, 79.1242,
105.6847

■ 48.9557, 39.1080,
99.5761

■ 92.8330, 96.9846,
108.4348

■ 41.5427, 29.9386,
98.1969

■ 95.0500, 100.0000,
108.9000

■ 35.4116, 22.6546,
97.1141

■ 30.4800, 17.1166,
96.3051

■ 26.6546, 13.1651,
95.7440

■ 23.8257, 10.6094,
95.3998

■ 22.0829, 9.2990,
95.2387

Harmonies

Analogous

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



61.4978, 63.5886, 111.7827



67.9177, 63.5886, 103.3019



72.5713, 63.5886, 85.7720

Triad

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



67.9177, 63.5886, 103.3019



65.9660, 63.5886, 41.4505



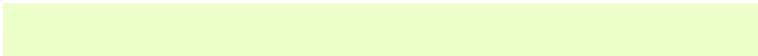
48.7322, 63.5886, 72.2958

Complementary

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



67.9177, 63.5886, 103.3019



80.7787, 93.5236, 68.4408

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.



49.7404, 63.5886, 54.9769



67.9177, 63.5886, 103.3019



59.3925, 63.5886, 39.1431

Square

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



67.9177, 63.5886, 103.3019



71.3887, 63.5886, 50.6200



53.5306, 63.5886, 43.6289



50.6706, 63.5886, 91.9369

Rectangle

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



67.9177, 63.5886, 103.3019



73.8759, 63.5886, 72.5648



53.5306, 63.5886, 43.6289



48.7391, 63.5886, 66.0129

Sweetspot

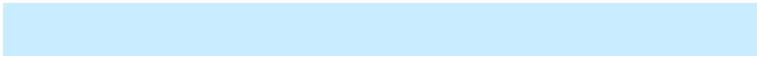
The Sweet Spot groups the original color and five complimentary colors.



67.9195, 63.5912, 103.3023



86.7729, 88.7735, 107.1693



72.0589, 79.8764, 106.2275



18.3875, 18.7507, 22.9001



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.



67.9195, 63.5912, 103.3023



63.2202, 57.4244, 102.3597



76.6532, 68.0936, 103.7110



17.5947, 17.6828, 22.7357



11.6827, 4.9332, 49.7710



1.2497, 0.5381, 4.8513

Inverse Universe

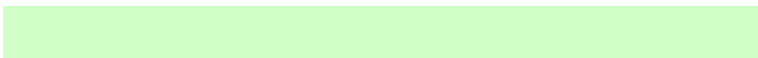
The Inverse Universe completely reimagines the original color for something new.



77.0360, 68.6270, 88.5446



73.9524, 63.3580, 84.7478



72.5287, 89.2706, 68.0547



18.5105, 18.1875, 21.3052



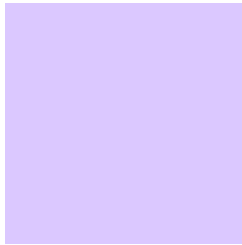
25.2622, 12.5942, 20.5631



2.5112, 1.2469, 2.2734

Previews

White Background



This preview shows how the XYZ color 67.9177, 63.5886, 103.3019 looks on a white background.

Color Contrast Check

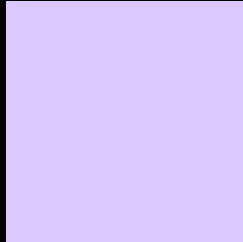
Large Text (above 18pt) WCAG AA × Fail

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 67.9177, 63.5886, 103.3019 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 67.9177, 63.5886, 103.3019

Background



This preview shows how black text looks on a background with the XYZ color 67.9177, 63.5886, 103.3019.

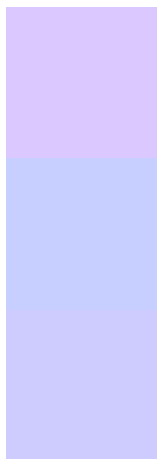


This preview shows how white text looks on a background with the XYZ color 67.9177, 63.5886,

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

67.9177, 63.5886, 103.3019

Protanopia

63.6515, 63.8514, 103.5775

Deuteranopia

64.9359, 63.4633, 102.5931



Tritanopia

62.6967, 63.5627, 78.0716

Trichromacy



Original Color

67.9177, 63.5886, 103.3019

Protanomaly

65.0965, 63.5275, 103.4388

Deuteranomaly

66.1093, 63.7165, 102.5801

Tritanomaly

64.4685, 63.5733, 86.7149

Monochromacy



Original Color

67.9177, 63.5886, 103.3019

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.5838, 65.1603, 82.5720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9177, 63.5886, 103.3019 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(219, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 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(219, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.9177, 63.5886, 103.3019 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(219, 200, 255) }
```


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

```
.border{ border-color:rgb(219, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9177, 63.5886, 103.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 255) }
```

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

```
.background{ background-color: rgb(219,  
200, 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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