

Converting Colors

XYZ(67.8468, 67.0741,
103.9784)

Have a look what the booklet for
XYZ(67.8468, 67.0741, 103.9784)
contains.

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Color

**XYZ(67.9606, 67.1621,
103.9894)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D2FF
RGB	211, 210, 255
RGB Percent	83%, 82%, 100%
CMY	0.1725, 0.1765, 0.0000
CMYK	0.17, 0.18, 0.00, 0.00
HSL	241°, 100%, 91%
HSV	241°, 18%, 100%
XYZ	67.9606, 67.1621, 103.9894
YIQ	215.4290, -13.8490, 14.2070

Conversions

Conversions Part 2

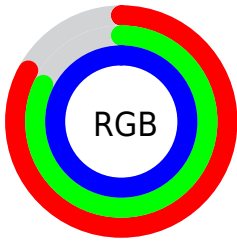
Format	Color
R _{YB}	211, 210, 255
Decimal	13882111
CIE Lab	85.59, 9.24, -21.81
CIE LCh	86, 23.685, 292.950
Yxy	67.1621, 0.2842, 0.2809
Android (android.graphics.Color)	4292072191 (0xFFD3D2FF)
YUV	215.4290, 19.5085, -3.8842
Hunter-Lab	81.9525, 4.6075, -17.8663

Details

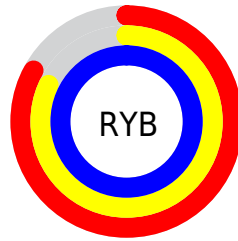
The XYZ color **67.9606, 67.1621, 103.9894** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.2672, 97.2446, 75.0937**, and the grayscale version is **64.7623, 68.1350, 74.1990**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7918, 34.9221, 58.2803** is the 20% darker color. If you saturate the color by 10%, you get **55.5618, 52.1587, 101.7470**, and if you desaturate by 10%, it is **82.4742, 84.7482, 106.6189**.

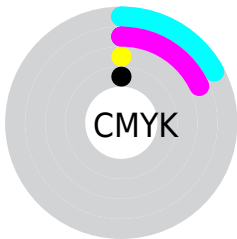
Distribution



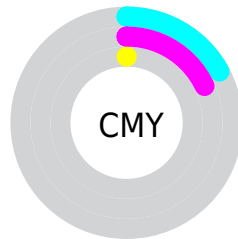
- Red (83%)
- Green (82%)
- Blue (100%)



- Red (83%)
- Yellow (82%)
- Blue (100%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9606, 67.1621, 103.9894 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 67.9606, 67.1621, 103.9894 by changing the saturation by 10% instead.

■ 67.9606, 67.1621,
103.9894

■ 67.9606, 67.1621,
103.9894

442.7353,
450.5215, 594.2643

■ 50.1392, 49.2164,
79.0010

115.3380,
115.1527, 168.7283

■ 35.7423, 34.7912,
58.3753

145.6247,
145.9663, 209.3160

■ 24.4044, 23.5020,
41.6938

180.7973,
181.8380, 255.9404

■ 15.7602, 14.9646,
28.5378

221.2211,
223.1521, 309.0203

■ 9.4444, 8.7946,
18.4889

267.2615,
270.2932, 368.9741

■ 5.0916, 4.6074,
11.1285

319.2837,

■ 2.3364, 2.0188,

323.6455, 436.2203

6.0381

377.6532,
383.5935, 511.1775

■ 0.8132, 0.6184,
2.7991

■ 0.0000, 0.0000,
0.9930

■ 67.9606, 67.1621,
103.9894

■ 67.9606, 67.1621,
103.9894

■ 55.5618, 52.1587,
101.7470

■ 82.4742, 84.7482,
106.6189

■ 45.1739, 39.6089,
99.8721

95.0500, 100.0000,
108.9000

■ 36.6926, 29.3845,
98.3456

■ 30.0020, 21.3428,
97.1460

■ 24.9738, 15.3252,
96.2495

■ 21.4623, 11.1514,
95.6290

■ 19.2970, 8.6100,
95.2526

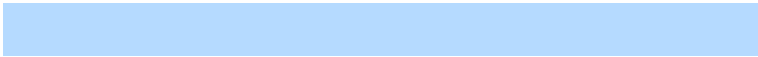
■ 18.2603, 7.4252,
95.0785

■ 18.1208, 7.2565,
95.0533

Harmonies

Analogous

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



62.5727, 67.1621, 106.6986



67.9606, 67.1621, 103.9894



72.4651, 67.1621, 92.4983

Triad

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



67.9606, 67.1621, 103.9894



70.2824, 67.1621, 51.9142



54.0971, 67.1621, 69.5473

Complementary

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



67.9606, 67.1621, 103.9894



88.2672, 97.2446, 75.0937

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.



55.9199, 67.1621, 56.6705



67.9606, 67.1621, 103.9894



65.1153, 67.1621, 47.4602

Square

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



67.9606, 67.1621, 103.9894



73.8573, 67.1621, 62.1593



59.8809, 67.1621, 49.0703



54.7640, 67.1621, 85.3169

Rectangle

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



67.9606, 67.1621, 103.9894



74.2600, 67.1621, 82.1758



59.8809, 67.1621, 49.0703



54.4354, 67.1621, 64.7702

Sweetspot

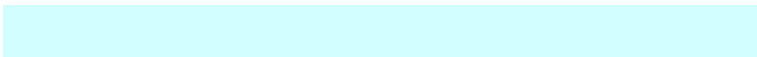
The Sweet Spot groups the original color and five complimentary colors.



67.9625, 67.1648, 103.9898



86.6777, 89.8449, 107.3811



80.1509, 91.9648, 108.1343



18.3103, 18.9367, 22.9400



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.



67.9625, 67.1648, 103.9898



63.5718, 61.8491, 103.1952



74.7844, 70.6816, 104.3091



17.0403, 17.3970, 22.7098



9.4846, 3.8000, 49.6682



0.9360, 0.3764, 4.8366

Inverse Universe

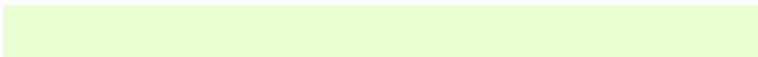
The Inverse Universe completely reimagines the original color for something new.



82.1775, 74.5114, 103.8185



80.0910, 70.3871, 102.9732



80.5918, 93.2878, 74.7345



18.7743, 18.2930, 22.6944



30.5193, 14.6970, 48.2465



2.9769, 1.4331, 4.7256

Previews

White Background



This preview shows how the XYZ color 67.9606, 67.1621, 103.9894 looks on a white background.

Color Contrast Check

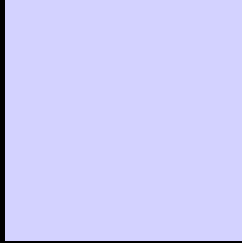
Large Text (above 18pt) WCAG AA × Fail

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 67.9606, 67.1621, 103.9894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

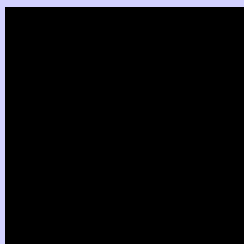
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.9606, 67.1621, 103.9894

Background



This preview shows how black text looks on a background with the XYZ color 67.9606, 67.1621, 103.9894.

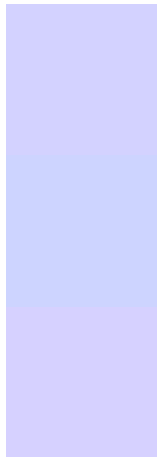


This preview shows how white text looks on a background with the XYZ color 67.9606, 67.1621,

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

67.9606, 67.1621, 103.9894

Protanopia

66.7703, 67.2861, 104.0761

Deuteranopia

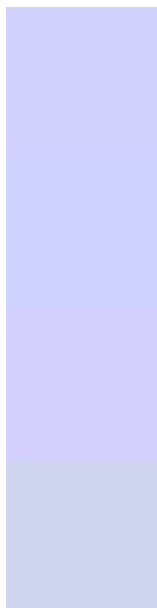
68.5820, 67.1171, 103.9480



Tritanopia

64.2025, 67.1281, 85.1745

Trichromacy



Original Color

67.9606, 67.1621, 103.9894

Protanomaly

67.0764, 67.0739, 104.0190

Deuteranomaly

68.2910, 66.9671, 103.9344

Tritanomaly

65.5349, 67.2897, 91.9722

Monochromacy



Original Color

67.9606, 67.1621, 103.9894

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.8087, 67.5978, 84.4421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9606, 67.1621, 103.9894 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(211, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 210, 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(211, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.9606, 67.1621, 103.9894 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(211, 210, 255) }
```


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

```
.border{ border-color:rgb(211, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9606, 67.1621, 103.9894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 210, 255) }
```

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

```
.background{ background-color: rgb(211,  
210, 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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