

Converting Colors

XYZ(67.0859, 44.5844, 97.9983)

Have a look what the booklet for
XYZ(67.0859, 44.5844, 97.9983)
contains.

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Color

**XYZ(67.0859, 44.5844,
97.9983)**

Conversions

Conversions Part 1

Format	Color
Hex	FF83FD
RGB	255, 131, 253
RGB Percent	100%, 51%, 99%
CMY	0.0000, 0.4863, 0.0078
CMYK	0.00, 0.49, 0.01, 0.00
HSL	301°, 100%, 76%
HSV	301°, 49%, 100%
XYZ	67.0859, 44.5844, 97.9983
YIQ	181.9840, 34.7420, 64.2300

Conversions

Conversions Part 2

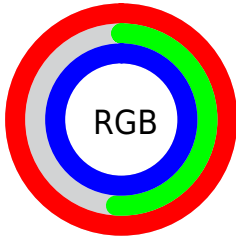
Format	Color
RYB	255, 131, 253
Decimal	16745469
CIELab	72.62, 63.21, -40.31
CIElCh	73, 74.968, 327.471
Yxy	44.5844, 0.3200, 0.2126
Android (android.graphics.Color)	4294935549 (0xFFFF83FD)
YUV	181.9840, 35.0109, 64.0350
Hunter-Lab	66.7716, 62.4901, -40.2778

Details

The XYZ color **67.0859, 44.5844, 97.9983** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.3550, 78.0394, 34.6540**, and the grayscale version is **44.2582, 46.5631, 50.7072**.

A 20% lighter version of the original color is **77.2732, 64.4464, 102.9744**, and **35.2448, 20.7534, 54.3728** is the 20% darker color. If you saturate the color by 10%, you get **64.0075, 38.5322, 96.6499**, and if you desaturate by 10%, it is **71.0089, 52.3252, 99.6301**.

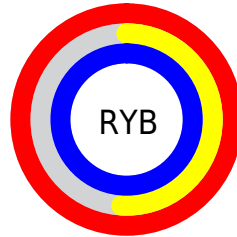
Distribution



Red (100%)

Green (51%)

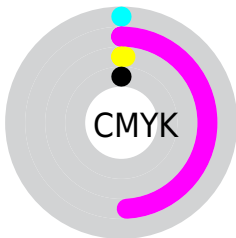
Blue (99%)



Red (100%)

Yellow (51%)

Blue (99%)

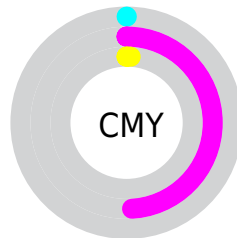


Cyan (0%)

Magenta (49%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0859, 44.5844, 97.9983 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 67.0859, 44.5844, 97.9983 by changing the saturation by 10% instead.


 67.0859, 44.5844,
97.9983


 67.0859, 44.5844,
97.9983


439.6781,
365.0878, 574.9475


 49.4254, 31.1302,
74.0223


 114.0926, 82.0964,
160.4315

 35.1730, 20.6980,
54.3154


 144.1695,
106.9230, 199.7258

 23.9633, 12.9034,
38.4590


 179.1159,
136.3092, 244.9632

 15.4310, 7.3621,
26.0345

219.2972,
170.6394, 296.5625

 9.2107, 3.6896,
16.6235

265.0787,
210.2979, 354.9420

 4.9371, 1.5015,
9.8073

316.8258,

 2.2448, 0.2898,

255.6692, 420.5203

5.1675

374.9038,
307.1377, 493.7160

■ 0.7662, 0.0000,
2.2854

■ 0.0000, 0.0000,
0.7230

■ 67.0859, 44.5844,
97.9983

■ 67.0859, 44.5844,
97.9983

■ 64.0075, 38.5322,
96.6499

■ 71.0089, 52.3252,
99.6301

■ 61.7081, 34.0378,
95.5613

■ 75.8302, 61.8628,
101.5614

■ 60.1166, 30.9592,
94.7094

■ 81.6025, 73.3020,
103.8105

■ 59.1483, 29.1265,
94.0658

■ 88.3735, 86.7384,
106.3931

■ 58.6819, 28.2977,
93.5903

95.0500, 100.0000,
108.9000

■ 58.6350, 28.2180,
93.5307

Harmonies

Analogous

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



54.9597, 44.5844, 143.5503



67.0859, 44.5844, 97.9983



72.5096, 44.5844, 51.7661

Triad

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



67.0859, 44.5844, 97.9983



43.4865, 44.5844, 6.4325



23.8698, 44.5844, 89.5328

Complementary

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



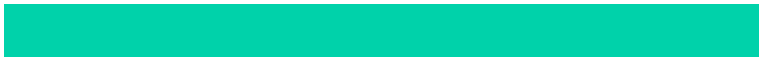
67.0859, 44.5844, 97.9983



49.3550, 78.0394, 34.6540

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.



22.0176, 44.5844, 45.4601



67.0859, 44.5844, 97.9983



31.8768, 44.5844, 8.7400

Square

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



67.0859, 44.5844, 97.9983



57.2585, 44.5844, 9.7842



24.6285, 44.5844, 19.3669



30.3257, 44.5844, 137.1530

Rectangle

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



67.0859, 44.5844, 97.9983



70.9096, 44.5844, 30.0963



24.6285, 44.5844, 19.3669



22.7539, 44.5844, 73.3141

Sweetspot

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



67.0868, 44.5861, 97.9992



83.9393, 77.9373, 104.7074



35.5281, 28.2800, 98.1938



17.6722, 16.0979, 22.2989



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.



67.0868, 44.5861, 97.9992



64.1765, 38.8636, 96.7264



58.9831, 41.3446, 55.3254



18.7793, 18.2950, 22.7209



30.6438, 14.7468, 48.9023



2.9876, 1.4374, 4.7820

Inverse Universe

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



67.0868, 44.5861, 97.9992



64.1765, 38.8636, 96.7264



54.7470, 80.1962, 63.0478



18.7793, 18.2950, 22.7209



30.6438, 14.7468, 48.9023



2.9876, 1.4374, 4.7820

Previews

White Background



This preview shows how the XYZ color 67.0859, 44.5844, 97.9983 looks on a white background.

Color Contrast Check

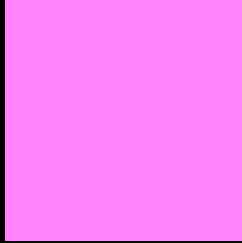
Large Text (above 18pt) WCAG AA × Fail

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 67.0859, 44.5844, 97.9983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

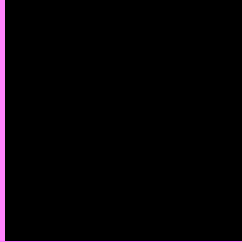
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0859, 44.5844, 97.9983

Background



This preview shows how black text looks on a background with the XYZ color 67.0859, 44.5844, 97.9983.



This preview shows how white text looks on a background with the XYZ color 67.0859, 44.5844,

97.9983.

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

67.0859, 44.5844, 97.9983

Protanopia

46.5242, 44.9461, 100.8311

Deuteranopia

46.1073, 44.9123, 92.6250



Tritanopia

55.2373, 44.3699, 40.7749

Trichromacy



Original Color

67.0859, 44.5844, 97.9983



Protanomaly

51.4465, 43.1162, 99.3767



Deuteranomaly

51.5064, 43.2564, 94.4416



Tritanomaly

58.6485, 43.8885, 57.6048

Monochromacy



Original Color

67.0859, 44.5844, 97.9983



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

50.7769, 44.3038, 65.5498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0859, 44.5844, 97.9983 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(255, 131, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 253)  
}
```

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(255, 131, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 253) }
```

Border

The CSS property to change the border of an element to XYZ 67.0859, 44.5844, 97.9983 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(255, 131, 253) }
```


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

```
.border{ border-color:rgb(255, 131, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0859, 44.5844, 97.9983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 253) }
```

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

```
.background{ background-color: rgb(255,  
131, 253) }
```

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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