

Converting Colors

XYZ(71.9162, 68.4135, 95.3246)

Have a look what the booklet for
XYZ(71.9162, 68.4135, 95.3246)
contains.

XYZ(71.9207, 68.3131, 94.9831)	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(71.9207, 68.3131,
94.9831)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CFF4
RGB	232, 207, 244
RGB Percent	91%, 81%, 96%
CMY	0.0902, 0.1882, 0.0431
CMYK	0.05, 0.15, 0.00, 0.04
HSL	281°, 63%, 88%
HSV	281°, 15%, 96%
XYZ	71.9207, 68.3131, 94.9831
YIQ	218.6930, 3.0230, 16.8070

Conversions

Conversions Part 2

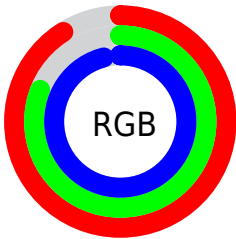
Format	Color
R _Y B	232, 207, 244
Decimal	15257588
CIE Lab	86.16, 15.27, -14.96
CIE LCh	86, 21.374, 315.593
Yxy	68.3131, 0.3058, 0.2904
Android (android.graphics.Color)	4293447668 (0xFFE8CFF4)
YUV	218.6930, 12.4764, 11.6702
Hunter-Lab	82.6517, 10.6840, -10.2797

Details

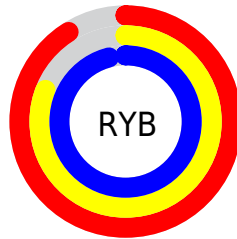
The XYZ color **71.9207, 68.3131, 94.9831** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.8290, 84.2682, 71.4617**, and the grayscale version is **67.0359, 70.5270, 76.8039**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3728, 35.6434, 52.4344** is the 20% darker color. If you saturate the color by 10%, you get **63.9492, 56.0974, 93.0464**, and if you desaturate by 10%, it is **80.9255, 82.4213, 97.2327**.

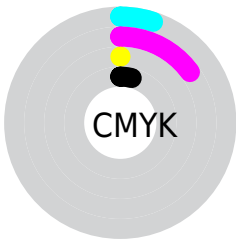
Distribution



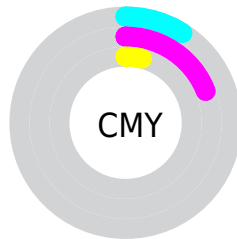
- Red (91%)
- Green (81%)
- Blue (96%)



- Red (91%)
- Yellow (81%)
- Blue (96%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9207, 68.3131, 94.9831 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 71.9207, 68.3131, 94.9831 by changing the saturation by 10% instead.

71.9207, 68.3131,
94.9831

71.9207, 68.3131,
94.9831

456.4275,
454.6045, 565.0938

53.3791, 50.1525,
71.5241

120.9552,
116.7999, 156.2366

38.3342, 35.5346,
52.2856

152.1788,
147.8950, 194.8682

26.4206, 24.0750,
36.8489

188.3605,
184.0703, 239.3945

17.2729, 15.3892,
24.7957

229.8656,
225.7102, 290.2339

10.5257, 9.0930,
15.7073

277.0595,
273.1992, 347.8050

5.8138, 4.8019,
9.1651

330.3076,

2.7718, 2.1315,

326.9217, 412.5263

4.7508

389.9751,
387.2620, 484.8164

■ 1.0343, 0.6823,
2.0456

■ 0.0000, 0.0000,
0.5831

■ 71.9207, 68.3131,
94.9831

■ 71.9207, 68.3131,
94.9831

■ 63.9492, 56.0974,
93.0464

■ 80.9255, 82.4213,
97.2327

■ 56.9615, 45.6809,
91.4041

■ 90.7405, 97.9771,
99.7180

■ 50.9131, 36.9756,
90.0426

■ 93.3293, 99.3117,
99.8391

■ 45.7532, 29.8826,
88.9455

■ 41.4260, 24.2924,
88.0945

■ 37.8685, 20.0816,
87.4693

■ 35.0078, 17.1066,
87.0458

■ 32.7542, 15.1907,
86.7948

■ 31.8176, 14.5162,
86.7140

Harmonies

Analogous

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



67.5043, 68.3131, 103.6291



71.9207, 68.3131, 94.9831



74.5241, 68.3131, 81.3239

Triad

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



71.9207, 68.3131, 94.9831



67.3105, 68.3131, 51.1171



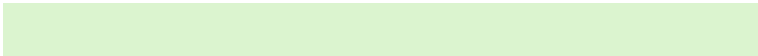
56.2420, 68.3131, 81.8997

Complementary

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



71.9207, 68.3131, 94.9831



72.8290, 84.2682, 71.4617

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.



56.1960, 68.3131, 67.8456



71.9207, 68.3131, 94.9831



62.4212, 68.3131, 51.2301

Square

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



71.9207, 68.3131, 94.9831



71.7727, 68.3131, 56.6661



58.4068, 68.3131, 56.9973



58.5358, 68.3131, 95.4503

Rectangle

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



71.9207, 68.3131, 94.9831



74.8010, 68.3131, 71.7735



58.4068, 68.3131, 56.9973



55.9672, 68.3131, 77.0516

Sweetspot

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



71.9228, 68.3160, 94.9846



89.6115, 91.3573, 107.5184



67.4825, 70.6371, 95.6666



19.0221, 19.3037, 22.9734



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.



71.9228, 68.3160, 94.9846



76.8485, 71.4150, 104.3419



75.0312, 70.0249, 90.3237



16.6607, 16.4832, 20.8460



17.4497, 7.9700, 47.1567



1.6410, 0.7558, 4.1496

Inverse Universe

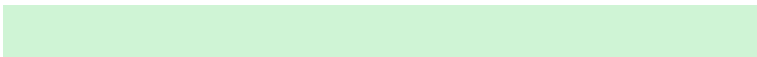
The Inverse Universe completely reimagines the original color for something new.



72.4096, 68.9762, 76.5183



77.5178, 72.2911, 80.3799



70.1166, 82.7811, 75.3476



16.7207, 16.5711, 18.2757



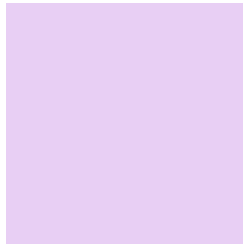
21.1118, 10.7881, 5.2969



1.9007, 0.9662, 0.7034

Previews

White Background



This preview shows how the XYZ color 71.9207, 68.3131, 94.9831 looks on a white background.

Color Contrast Check

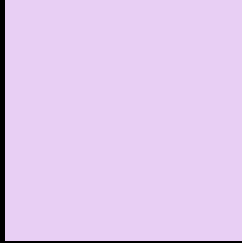
Large Text (above 18pt) WCAG AA × Fail

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 71.9207, 68.3131, 94.9831 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 71.9207, 68.3131, 94.9831

Background



This preview shows how black text looks on a background with the XYZ color 71.9207, 68.3131, 94.9831.



This preview shows how white text looks on a background with the XYZ color 71.9207, 68.3131,

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

71.9207, 68.3131, 94.9831

Protanopia

67.5682, 68.5721, 98.4814

Deuteranopia

69.9647, 68.4115, 94.3112



Tritanopia

69.2248, 68.2973, 82.2072

Trichromacy



Original Color

71.9207, 68.3131, 94.9831

Protanomaly

68.9962, 68.2094, 97.5249

Deuteranomaly

70.6567, 68.4029, 94.2731

Tritanomaly

70.1416, 68.3071, 86.5785

Monochromacy



Original Color

71.9207, 68.3131, 94.9831

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.0445, 70.0496, 83.2807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9207, 68.3131, 94.9831 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(232, 207, 244)` looks like.

```
.text, #text, p{  
    color:rgb(232, 207, 244)  
}
```

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(232, 207, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 207, 244) }
```

Border

The CSS property to change the border of an element to XYZ 71.9207, 68.3131, 94.9831 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(232, 207, 244) }
```


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

```
.border{ border-color:rgb(232, 207, 244) }
```

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

Here you see how a box with a 4 pixel rgb(232, 207, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 207, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 207, 244);  
box-shadow:4px 4px 4px 4px rgb(232, 207,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9207, 68.3131, 94.9831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 207, 244) }
```

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

```
.background{ background-color: rgb(232,  
207, 244) }
```

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