

Converting Colors

XYZ(84.4539, 73.4673,
162.7289)

Have a look what the booklet for
XYZ(84.4539, 73.4673, 162.7289)
contains.

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Color

**XYZ(73.5609, 69.3207,
104.1109)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D0FF
RGB	231, 208, 255
RGB Percent	91%, 82%, 100%
CMY	0.0941, 0.1843, 0.0000
CMYK	0.09, 0.18, 0.00, 0.00
HSL	269°, 100%, 91%
HSV	269°, 18%, 100%
XYZ	73.5609, 69.3207, 104.1109
YIQ	220.2350, -1.3790, 19.4930

Conversions

Conversions Part 2

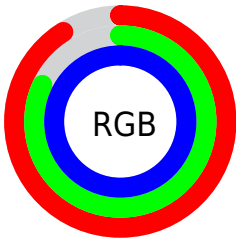
Format	Color
R_{YB}	231, 208, 255
Decimal	15192319
CIE _{Lab}	86.66, 16.55, -20.03
CIE _{LCh}	87, 25.984, 309.570
Yxy	69.3207, 0.2978, 0.2807
Android (android.graphics.Color)	4293382399 (0xFFE7D0FF)
YUV	220.2350, 17.1391, 9.4409
Hunter-Lab	83.2591, 12.0047, -15.8576

Details

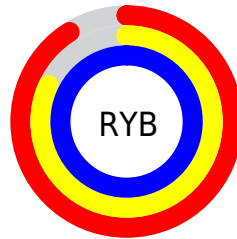
The XYZ color **73.5609, 69.3207, 104.1109** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.4255, 93.2306, 73.4343**, and the grayscale version is **68.0781, 71.6234, 77.9979**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4278, 36.3024, 58.3551** is the 20% darker color. If you saturate the color by 10%, you get **63.7892, 55.7856, 102.0134**, and if you desaturate by 10%, it is **84.6486, 85.0216, 106.5571**.

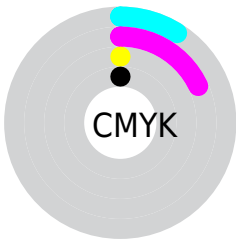
Distribution



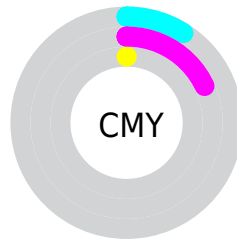
- Red (91%)
- Green (82%)
- Blue (100%)



- Red (91%)
- Yellow (82%)
- Blue (100%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5609, 69.3207, 104.1109 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 73.5609, 69.3207, 104.1109 by changing the saturation by 10% instead.

73.5609, 69.3207,
104.1109

73.5609, 69.3207,
104.1109

462.0302,
458.1612, 594.6526

54.7247, 50.9729,
79.1022

123.2720,
118.2395, 168.8961

39.4143, 36.1871,
58.4580

154.8776,
149.5794, 209.5097

27.2644, 24.5787,
41.7598

191.4705,
186.0187, 256.1619

17.9095, 15.7635,
28.5891

233.4159,
227.9419, 309.2714

10.9843, 9.3569,
18.5273

281.0792,
275.7333, 369.2567

6.1235, 4.9747,
11.1559

334.8258,

2.9617, 2.2324,

329.7774, 436.5363

6.0563

395.0210,
390.4586, 511.5287

■ 1.1335, 0.7376,
2.8100

■ 0.0529, 0.0000,
0.9985

■ 73.5609, 69.3207,
104.1109

■ 73.5609, 69.3207,
104.1109

■ 63.7892, 55.7856,
102.0134

■ 84.6486, 85.0216,
106.5571

■ 55.2734, 44.3090,
100.2470

95.0500, 100.0000,
108.9000

■ 47.9567, 34.7870,
98.7947

■ 41.7756, 27.1028,
97.6373

■ 36.6596, 21.1272,
96.7535

■ 32.5294, 16.7128,
96.1192

■ 29.2921, 13.6863,
95.7056

■ 26.8206, 11.8059,
95.4729

■ 26.4761, 11.5638,
95.4443

Harmonies

Analogous

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



67.8357, 69.3207, 113.2303



73.5609, 69.3207, 104.1109



77.3733, 69.3207, 87.6864

Triad

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



73.5609, 69.3207, 104.1109



70.0224, 69.3207, 48.4174



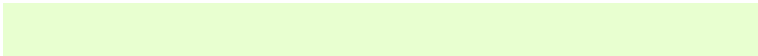
55.0920, 69.3207, 81.1406

Complementary

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



73.5609, 69.3207, 104.1109



80.4255, 93.2306, 73.4343

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.



55.5982, 69.3207, 64.4597



73.5609, 69.3207, 104.1109



63.9764, 69.3207, 47.2163

Square

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



73.5609, 69.3207, 104.1109



75.2453, 69.3207, 56.2220



58.7667, 69.3207, 52.6451



57.3391, 69.3207, 98.6952

Rectangle

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



73.5609, 69.3207, 104.1109



78.1884, 69.3207, 75.7283



58.7667, 69.3207, 52.6451



54.9491, 69.3207, 75.2291

Sweetspot

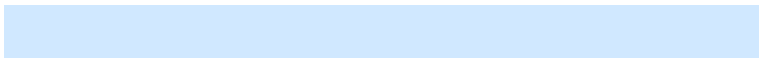
The Sweet Spot groups the original color and five complimentary colors.



73.5628, 69.3235, 104.1113



87.5456, 89.1719, 107.2055



73.0010, 78.5049, 105.9131



18.5699, 18.8448, 22.9086



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.



73.5628, 69.3235, 104.1113



69.9252, 64.2467, 103.3231



81.5596, 73.4460, 104.4856



17.8494, 17.8141, 22.7476



14.0055, 6.1306, 49.8797



1.4893, 0.6617, 4.8625

Inverse Universe

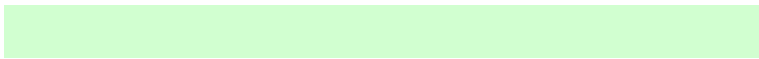
The Inverse Universe completely reimagines the original color for something new.



78.3630, 72.2006, 86.1521



75.5812, 67.6372, 82.1415



73.3805, 89.5988, 73.1046



18.3965, 18.1419, 20.7053



23.7374, 11.9843, 12.5337



2.3664, 1.1889, 1.5111

Previews

White Background



This preview shows how the XYZ color 73.5609, 69.3207, 104.1109 looks on a white background.

Color Contrast Check

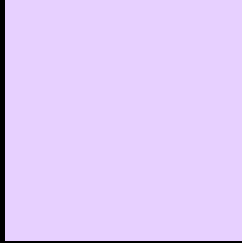
Large Text (above 18pt) WCAG AA × Fail

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 73.5609, 69.3207, 104.1109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

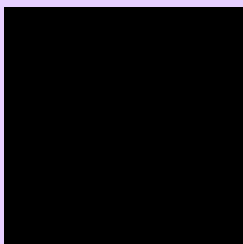
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5609, 69.3207, 104.1109

Background



This preview shows how black text looks on a background with the XYZ color 73.5609, 69.3207, 104.1109.

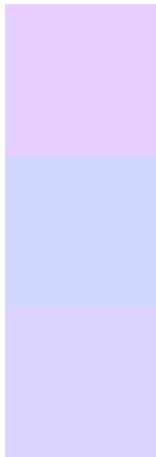


This preview shows how white text looks on a background with the XYZ color 73.5609, 69.3207,

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

73.5609, 69.3207, 104.1109

Protanopia

68.6449, 69.3762, 104.3807

Deuteranopia

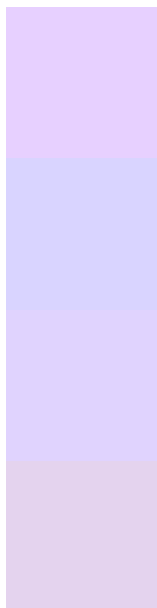
70.9481, 69.4584, 103.4334



Tritanopia

69.6157, 69.5765, 83.8892

Trichromacy



Original Color

73.5609, 69.3207, 104.1109

Protanomaly

70.2088, 69.0587, 104.2370

Deuteranomaly

71.9241, 69.5916, 103.4076

Tritanomaly

70.7218, 69.2556, 90.5291

Monochromacy



Original Color

73.5609, 69.3207, 104.1109

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.0043, 70.8422, 87.0751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5609, 69.3207, 104.1109 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(231, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 208, 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(231, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.5609, 69.3207, 104.1109 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(231, 208, 255) }
```


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

```
.border{ border-color:rgb(231, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(231, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5609, 69.3207, 104.1109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 208, 255) }
```

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

```
.background{ background-color: rgb(231,  
208, 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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