

Converting Colors

XYZ(75.5244, 73.2848,
104.7726)

Have a look what the booklet for
XYZ(75.5244, 73.2848, 104.7726)
contains.

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Color

**XYZ(75.5609, 73.3207,
104.7776)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D8FF
RGB	231, 216, 255
RGB Percent	91%, 85%, 100%
CMY	0.0941, 0.1529, 0.0000
CMYK	0.09, 0.15, 0.00, 0.00
HSL	263°, 100%, 92%
HSV	263°, 15%, 100%
XYZ	75.5609, 73.3207, 104.7776
YIQ	224.9310, -3.5790, 15.3090

Conversions

Conversions Part 2

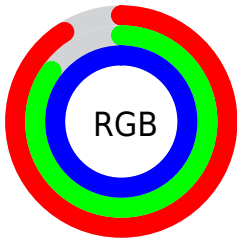
Format	Color
R_{YB}	231, 216, 255
Decimal	15194367
CIE _{Lab}	88.60, 12.32, -17.11
CIE _{LCh}	89, 21.084, 305.764
Yxy	73.3207, 0.2979, 0.2891
Android (android.graphics.Color)	4293384447 (0xFFE7D8FF)
YUV	224.9310, 14.8240, 5.3225
Hunter-Lab	85.6275, 7.6669, -12.6106

Details

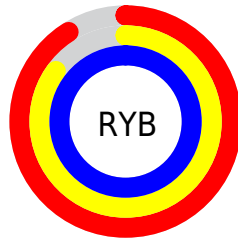
The XYZ color **75.5609, 73.3207, 104.7776** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.0916, 95.0039, 78.8748**, and the grayscale version is **71.4190, 75.1384, 81.8257**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6171, 38.6809, 58.7515** is the 20% darker color. If you saturate the color by 10%, you get **64.6883, 58.7601, 102.5401**, and if you desaturate by 10%, it is **87.9054, 90.1489, 107.3751**.

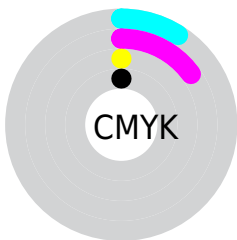
Distribution



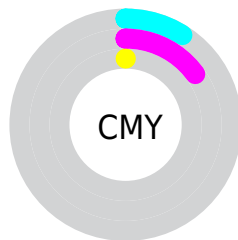
- Red (91%)
- Green (85%)
- Blue (100%)



- Red (91%)
- Yellow (85%)
- Blue (100%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5609, 73.3207, 104.7776 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 75.5609, 73.3207, 104.7776 by changing the saturation by 10% instead.

75.5609, 73.3207,
104.7776

75.5609, 73.3207,
104.7776

468.8108,
472.1256, 596.7809

56.3683, 54.2382,
79.6574

126.0897,
123.9324, 169.8163

40.7365, 38.7922,
58.9120

158.1566,
156.2304, 210.5719

28.3000, 26.5981,
42.1227

195.2457,
193.7024, 257.3763

18.6935, 17.2716,
28.8711

237.7223,
236.7327, 310.6482

11.5517, 10.4283,
18.7386

285.9517,
285.7058, 370.8061

6.5092, 5.6839,
11.3067

340.2994,

3.2007, 2.6538,

341.0060, 438.2685

6.1567

401.1306,
403.0178, 513.4539

■ 1.2608, 0.9538,
2.8703

■ 0.1536, 0.0000,
1.0288

■ 75.5609, 73.3207,
104.7776

■ 75.5609, 73.3207,
104.7776

■ 64.6883, 58.7601,
102.5401

■ 87.9054, 90.1489,
107.3751

■ 55.2231, 46.3587,
100.6453

95.0500, 100.0000,
108.9000

■ 47.1047, 36.0128,
99.0762

■ 40.2654, 27.6059,
97.8140

■ 34.6310, 21.0100,
96.8378

■ 30.1188, 16.0808,
96.1242

■ 26.6338, 12.6507,
95.6458

■ 24.0612, 10.5141,
95.3690

■ 23.0946, 9.8206,
95.2861

Harmonies

Analogous

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



70.6757, 73.3207, 111.0588



75.5609, 73.3207, 104.7776



78.9900, 73.3207, 91.8881

Triad

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



75.5609, 73.3207, 104.7776



73.7800, 73.3207, 56.9264



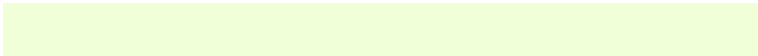
60.4072, 73.3207, 82.6793

Complementary

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



75.5609, 73.3207, 104.7776



84.0916, 95.0039, 78.8748

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.



61.1486, 73.3207, 68.8827



75.5609, 73.3207, 104.7776



68.7117, 73.3207, 55.0898

Square

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



75.5609, 73.3207, 104.7776



77.9272, 73.3207, 64.5616



64.1297, 73.3207, 59.2007



62.0531, 73.3207, 97.3424

Rectangle

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



75.5609, 73.3207, 104.7776



79.9012, 73.3207, 81.9197



64.1297, 73.3207, 59.2007



60.3865, 73.3207, 77.7835

Sweetspot

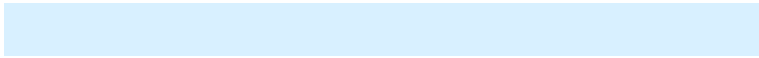
The Sweet Spot groups the original color and five complimentary colors.



75.5629, 73.3237, 104.7780



88.2885, 90.6753, 107.4565



77.5459, 84.1705, 106.7672



18.7006, 19.1379, 22.9583



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.



75.5629, 73.3237, 104.7780



72.4756, 69.1607, 104.1372



82.1932, 76.7418, 105.0883



17.6635, 17.7182, 22.7389



12.2212, 5.2108, 49.7962



1.3074, 0.5679, 4.8540

Inverse Universe

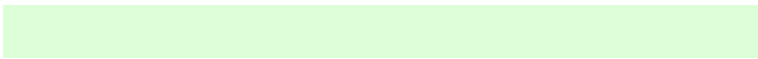
The Inverse Universe completely reimagines the original color for something new.



81.5258, 76.6659, 92.9416



79.4019, 73.0448, 90.3013



77.8387, 91.7805, 78.5822



18.4793, 18.1750, 21.1409



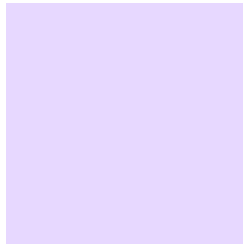
24.8009, 12.4096, 18.1336



2.4682, 1.2297, 2.0470

Previews

White Background



This preview shows how the XYZ color 75.5609, 73.3207, 104.7776 looks on a white background.

Color Contrast Check

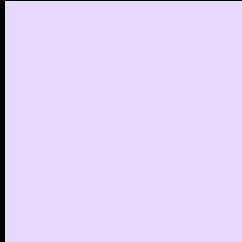
Large Text (above 18pt) WCAG AA × Fail

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 75.5609, 73.3207, 104.7776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

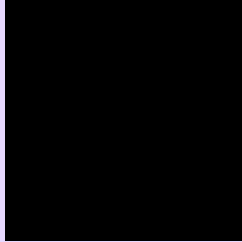
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5609, 73.3207, 104.7776

Background



This preview shows how black text looks on a background with the XYZ color 75.5609, 73.3207, 104.7776.



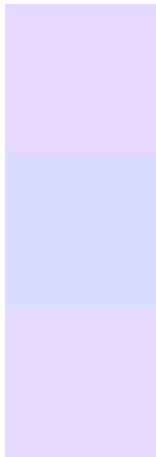
This preview shows how white text looks on a background with the XYZ color 75.5609, 73.3207,

104.7776.

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

75.5609, 73.3207, 104.7776

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

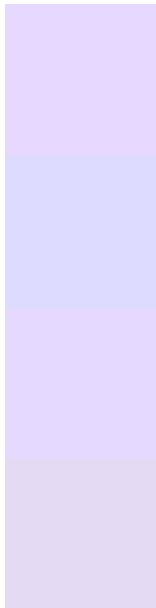
75.1760, 73.5037, 104.8332



Tritanopia

72.4667, 73.2131, 89.6690

Trichromacy



Original Color

75.5609, 73.3207, 104.7776

Protanomaly

73.2003, 73.2552, 104.8893

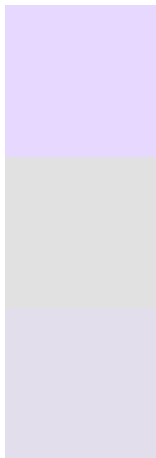
Deuteranomaly

75.4960, 73.6687, 104.8482

Tritanomaly

73.5622, 73.2719, 95.0598

Monochromacy



Original Color

75.5609, 73.3207, 104.7776

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.9402, 74.6296, 89.9175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5609, 73.3207, 104.7776 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, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 216, 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, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.5609, 73.3207, 104.7776 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, 216, 255) }
```


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

```
.border{ border-color:rgb(231, 216, 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, 216, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5609, 73.3207, 104.7776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 216, 255) }
```

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

```
.background{ background-color: rgb(231,  
216, 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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