

Converting Colors

XYZ(77.1380, 74.4196,
104.9065)

Have a look what the booklet for
XYZ(77.1380, 74.4196, 104.9065)
contains.

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Color

**XYZ(77.1238, 74.5079,
104.9243)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EBD9FF |
| RGB | 235, 217, 255 |
| RGB Percent | 92%, 85%, 100% |
| CMY | 0.0784, 0.1490, 0.0000 |
| CMYK | 0.08, 0.15, 0.00, 0.00 |
| HSL | 268°, 100%, 93% |
| HSV | 268°, 15%, 100% |
| XYZ | 77.1238, 74.5079, 104.9243 |
| YIQ | 226.7140, -1.4700, 15.6340 |

Conversions

Conversions Part 2

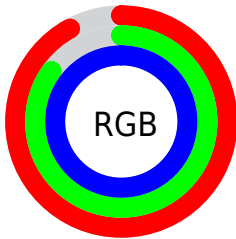
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 235, 217, 255 |
| Decimal | 15456767 |
| CIE Lab | 89.16, 13.07, -16.23 |
| CIE LCh | 89, 20.843, 308.849 |
| Yxy | 74.5079, 0.3006, 0.2904 |
| Android (android.graphics.Color) | 4293646847 (0xFFEBD9FF) |
| YUV | 226.7140, 13.9450, 7.2668 |
| Hunter-Lab | 86.3180, 8.4306, -11.6477 |

Details

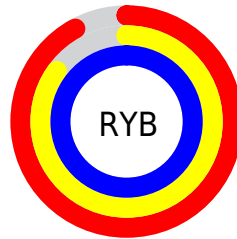
The XYZ color **77.1238, 74.5079, 104.9243** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.2112, 94.5351, 79.5107**, and the grayscale version is **72.7105, 76.4971, 83.3054**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7038, 39.5016, 58.8526** is the 20% darker color. If you saturate the color by 10%, you get **66.7870, 60.1658, 102.7008**, and if you desaturate by 10%, it is **88.8145, 91.0595, 107.5030**.

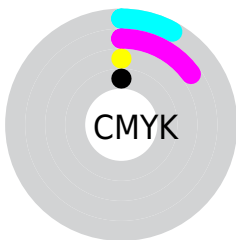
Distribution



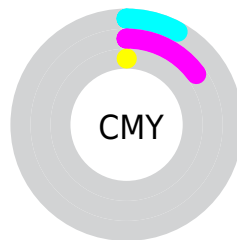
- Red (92%)
- Green (85%)
- Blue (100%)



- Red (92%)
- Yellow (85%)
- Blue (100%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1238, 74.5079, 104.9243 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 77.1238, 74.5079, 104.9243 by changing the saturation by 10% instead.

77.1238, 74.5079,
104.9243

77.1238, 74.5079,
104.9243

474.0715,
476.2245, 597.2487

57.6548, 55.2098,
79.7796

128.2861,
125.6155, 170.0187

41.7733, 39.5698,
59.0119

160.7102,
158.1939, 210.8055

29.1142, 27.2032,
42.2027

198.1832,
195.9678, 257.6434

19.3119, 17.7259,
28.9332

241.0707,
239.3217, 310.9509

12.0012, 10.7534,
18.7852

289.7379,
288.6399, 371.1467

6.8167, 5.9013,
11.3399

344.5502,

3.3931, 2.7851,

344.3068, 438.6492

6.1789

405.8729,
406.7069, 513.8771

■ 1.3649, 1.0206,
2.8836

■ 0.2310, 0.0000,
1.0355

■ 77.1238, 74.5079,
104.9243

■ 77.1238, 74.5079,
104.9243

■ 66.7870, 60.1658,
102.7008

■ 88.8145, 91.0595,
107.5030

■ 57.7443, 47.9273,
100.8152

95.0500, 100.0000,
108.9000

■ 49.9399, 37.6913,
99.2508

■ 43.3115, 29.3446,
97.9891

■ 37.7905, 22.7624,
97.0095

■ 33.3002, 17.8039,
96.2891

■ 29.7525, 14.3059,
95.8009

■ 27.0404, 12.0685,
95.5120

■ 25.9049, 11.2694,
95.4176

Harmonies

Analogous

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



72.3310, 74.5079, 112.0300



77.1238, 74.5079, 104.9243



80.3247, 74.5079, 91.6459

Triad

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



77.1238, 74.5079, 104.9243



74.4012, 74.5079, 57.7310



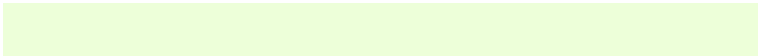
61.5967, 74.5079, 85.5070

Complementary

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



77.1238, 74.5079, 104.9243



83.2112, 94.5351, 79.5107

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.



62.0918, 74.5079, 71.4444



77.1238, 74.5079, 104.9243



69.3253, 74.5079, 56.5030

Square

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



77.1238, 74.5079, 104.9243



78.7013, 74.5079, 64.8118



64.8647, 74.5079, 61.2300



63.4786, 74.5079, 99.9720

Rectangle

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



77.1238, 74.5079, 104.9243



81.0404, 74.5079, 81.6896



64.8647, 74.5079, 61.2300



61.4926, 74.5079, 80.5659

Sweetspot

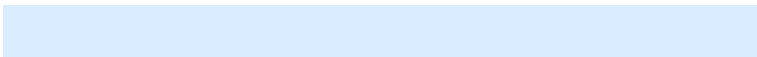
The Sweet Spot groups the original color and five complimentary colors.



77.1258, 74.5110, 104.9248



89.9343, 92.6598, 107.7528



77.0290, 82.6969, 106.5100



19.0491, 19.5464, 23.0188



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.



77.1258, 74.5110, 104.9248



73.7787, 69.8325, 104.1982



83.6398, 77.8690, 105.2297



17.8214, 17.7996, 22.7463



13.7054, 5.9759, 49.8657



1.4595, 0.6463, 4.8611

Inverse Universe

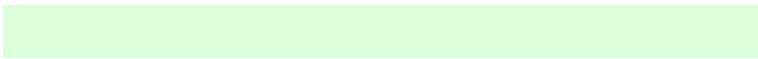
The Inverse Universe completely reimagines the original color for something new.



81.3408, 77.0031, 90.6993



78.8100, 72.8080, 87.1844



77.2799, 91.4774, 79.2331



18.4088, 18.1469, 20.7701



23.8812, 12.0418, 13.2909



2.3805, 1.1946, 1.5850

Previews

White Background



This preview shows how the XYZ color 77.1238, 74.5079, 104.9243 looks on a white background.

Color Contrast Check

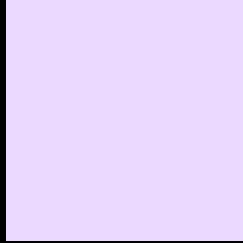
Large Text (above 18pt) WCAG AA × Fail

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 77.1238, 74.5079, 104.9243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

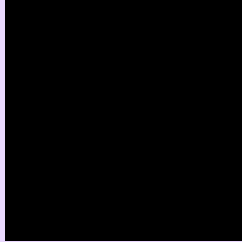
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1238, 74.5079, 104.9243

Background



This preview shows how black text looks on a background with the XYZ color 77.1238, 74.5079, 104.9243.

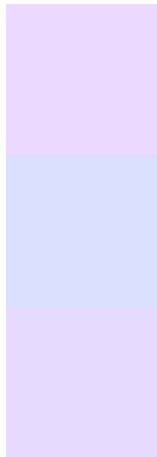


This preview shows how white text looks on a background with the XYZ color 77.1238, 74.5079,

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

77.1238, 74.5079, 104.9243

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

76.0764, 74.3517, 104.9494



Tritanopia

74.1580, 74.4566, 90.5838

Trichromacy



Original Color

77.1238, 74.5079, 104.9243

Protanomaly

74.3837, 74.2537, 105.0197

Deuteranomaly

76.4001, 74.5186, 104.9646

Tritanomaly

75.2649, 74.5183, 96.0045

Monochromacy



Original Color

77.1238, 74.5079, 104.9243

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.3069, 75.7128, 90.8184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1238, 74.5079, 104.9243 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(235, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 217, 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(235, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.1238, 74.5079, 104.9243 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(235, 217, 255) }
```


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

```
.border{ border-color:rgb(235, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1238, 74.5079, 104.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 217, 255) }
```

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

```
.background{ background-color: rgb(235,  
217, 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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