

Converting Colors

XYZ(76.4979, 71.9822,
107.6489)

Have a look what the booklet for
XYZ(76.4979, 71.9822, 107.6489)
contains.

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Color

**XYZ(75.9363, 71.6414,
104.4336)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD3FF
RGB	236, 211, 255
RGB Percent	93%, 83%, 100%
CMY	0.0745, 0.1725, 0.0000
CMYK	0.07, 0.17, 0.00, 0.00
HSL	274°, 100%, 91%
HSV	274°, 17%, 100%
XYZ	75.9363, 71.6414, 104.4336
YIQ	223.4910, 0.7760, 18.9840

Conversions

Conversions Part 2

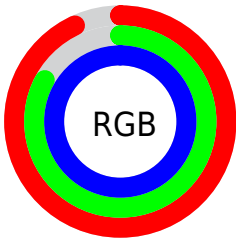
Format	Color
R _Y B	236, 211, 255
Decimal	15520767
CIE Lab	87.80, 16.56, -18.28
CIE LCh	88, 24.664, 312.170
Yxy	71.6414, 0.3013, 0.2843
Android (android.graphics.Color)	4293710847 (0xFFECD3FF)
YUV	223.4910, 15.5339, 10.9704
Hunter-Lab	84.6412, 12.0200, -13.9054

Details

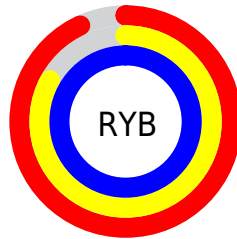
The XYZ color **75.9363, 71.6414, 104.4336** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.1528, 93.0470, 75.3669**, and the grayscale version is **70.3827, 74.0481, 80.6384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9039, 37.5574, 58.5195** is the 20% darker color. If you saturate the color by 10%, you get **66.5532, 58.1357, 102.3213**, and if you desaturate by 10%, it is **86.5537, 87.2789, 106.8924**.

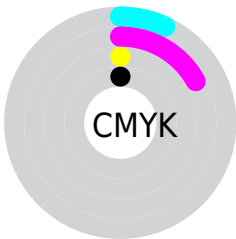
Distribution



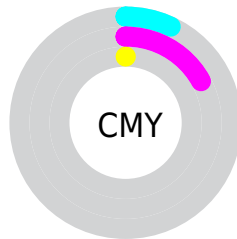
- Red (93%)
- Green (83%)
- Blue (100%)



- Red (93%)
- Yellow (83%)
- Blue (100%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9363, 71.6414, 104.4336 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 75.9363, 71.6414, 104.4336 by changing the saturation by 10% instead.

75.9363, 71.6414,
104.4336

75.9363, 71.6414,
104.4336

470.0774,
466.2925, 595.6833

56.6771, 52.8658,
79.3709

126.6177,
121.5466, 169.3416

40.9852, 37.6956,
58.6777

158.7706,
153.4449, 210.0239

28.4952, 25.7466,
41.9354

195.9522,
190.4863, 256.7499

18.8416, 16.6341,
28.7255

238.5278,
233.0551, 309.9380

11.6592, 9.9740,
18.6295

286.8628,
281.5357, 370.0069

6.5826, 5.3817,
11.2288

341.3225,

3.2465, 2.4729,

336.3126, 437.3751

6.1048

402.2722,
397.7700, 512.4610

■ 1.2854, 0.8630,
2.8391

■ 0.1723, 0.0000,
1.0131

■ 75.9363, 71.6414,
104.4336

■ 75.9363, 71.6414,
104.4336

■ 66.5532, 58.1357,
102.3213

■ 86.5537, 87.2789,
106.8924

■ 58.3471, 46.6564,
100.5381

95.0500, 100.0000,
108.9000

■ 51.2647, 37.1021,
99.0672

■ 45.2462, 29.3591,
97.8899

■ 40.2250, 23.3011,
96.9852

■ 36.1263, 18.7852,
96.3296

■ 32.8626, 15.6433,
95.8951

■ 30.3223, 13.6595,
95.6461

■ 29.7066, 13.2292,
95.5955

Harmonies

Analogous

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



70.4947, 71.6414, 113.9701



75.9363, 71.6414, 104.4336



79.3859, 71.6414, 88.3032

Triad

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



75.9363, 71.6414, 104.4336



71.5997, 71.6414, 51.1548



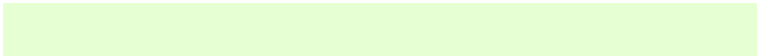
57.6673, 71.6414, 85.0037

Complementary

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



75.9363, 71.6414, 104.4336



80.1528, 93.0470, 75.3669

Split Complementary

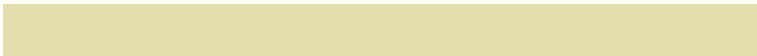
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.9253, 71.6414, 68.5408



75.9363, 71.6414, 104.4336



65.7465, 71.6414, 50.5351

Square

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



75.9363, 71.6414, 104.4336



76.7851, 71.6414, 58.2953



60.8093, 71.6414, 56.4603



60.0830, 71.6414, 101.7218

Rectangle

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



75.9363, 71.6414, 104.4336



79.9775, 71.6414, 76.7906



60.8093, 71.6414, 56.4603



57.4483, 71.6414, 79.2328

Sweetspot

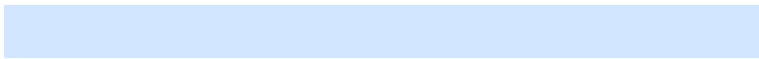
The Sweet Spot groups the original color and five complimentary colors.



75.9383, 71.6444, 104.4341



89.1199, 91.1039, 107.4954



73.2317, 77.7021, 105.7460



18.9025, 19.2420, 22.9678



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.



75.9383, 71.6444, 104.4341



72.2801, 66.3384, 103.6028



82.1169, 74.8837, 102.2771



17.9909, 17.8871, 22.7543



15.6968, 7.0025, 49.9589



1.6536, 0.7464, 4.8702

Inverse Universe

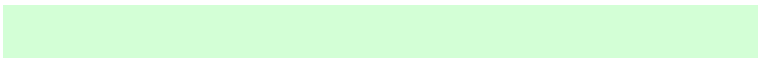
The Inverse Universe completely reimagines the original color for something new.



78.8190, 73.5645, 84.9106



75.7643, 68.6564, 80.1889



74.7552, 90.2216, 77.0515



18.3350, 18.1173, 20.3814



23.0942, 11.7270, 9.1466



2.3021, 1.1632, 1.1725

Previews

White Background



This preview shows how the XYZ color 75.9363, 71.6414, 104.4336 looks on a white background.

Color Contrast Check

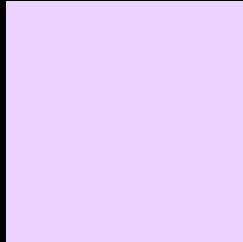
Large Text (above 18pt) WCAG AA × Fail

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 75.9363, 71.6414, 104.4336 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 75.9363, 71.6414, 104.4336

Background



This preview shows how black text looks on a background with the XYZ color 75.9363, 71.6414, 104.4336.

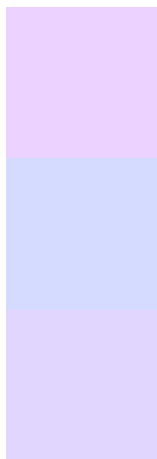


This preview shows how white text looks on a background with the XYZ color 75.9363, 71.6414,

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

75.9363, 71.6414, 104.4336

Protanopia

70.8221, 72.0292, 104.7780

Deuteranopia

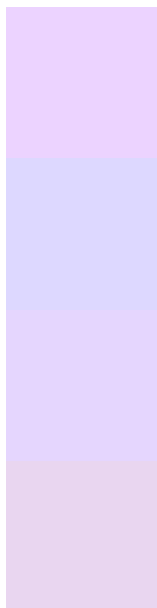
73.2412, 71.7642, 103.7576



Tritanopia

72.1446, 71.5829, 86.3584

Trichromacy



Original Color

75.9363, 71.6414, 104.4336

Protanomaly

72.4247, 71.7039, 104.6308

Deuteranomaly

74.2491, 71.9069, 103.7320

Tritanomaly

73.3790, 71.7080, 92.4116

Monochromacy



Original Color

75.9363, 71.6414, 104.4336

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.3218, 73.1552, 88.9059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9363, 71.6414, 104.4336 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(236, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 211, 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(236, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.9363, 71.6414, 104.4336 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(236, 211, 255) }
```


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

```
.border{ border-color:rgb(236, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9363, 71.6414, 104.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 211, 255) }
```

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

```
.background{ background-color: rgb(236,  
211, 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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