

Converting Colors

XYZ(83.1847, 77.6816,
147.4701)

Have a look what the booklet for
XYZ(83.1847, 77.6816, 147.4701)
contains.

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Color

**XYZ(75.3218, 74.7373,
105.0636)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DCFF
RGB	227, 220, 255
RGB Percent	89%, 86%, 100%
CMY	0.1098, 0.1372, 0.0000
CMYK	0.11, 0.14, 0.00, 0.00
HSL	252°, 100%, 93%
HSV	252°, 14%, 100%
XYZ	75.3218, 74.7373, 105.0636
YIQ	226.0830, -7.0630, 12.3690

Conversions

Conversions Part 2

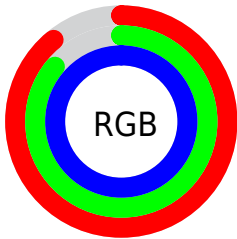
Format	Color
R _Y B	227, 220, 255
Decimal	14933247
CIE Lab	89.27, 8.95, -16.13
CIE LCh	89, 18.449, 299.015
Yxy	74.7373, 0.2952, 0.2929
Android (android.graphics.Color)	4293123327 (0xFFE3DCFF)
YUV	226.0830, 14.2561, 0.8042
Hunter-Lab	86.4507, 4.2326, -11.5396

Details

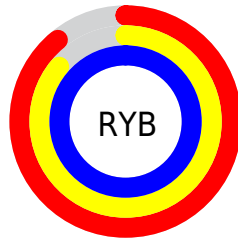
The XYZ color **75.3218, 74.7373, 105.0636** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.3913, 96.6445, 81.7619**, and the grayscale version is **72.2544, 76.0173, 82.7828**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4428, 39.6454, 58.9468** is the 20% darker color. If you saturate the color by 10%, you get **63.0752, 59.2368, 102.7172**, and if you desaturate by 10%, it is **89.3557, 92.6785, 107.7869**.

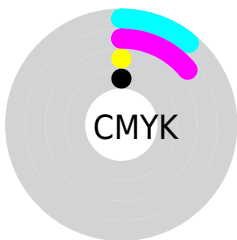
Distribution



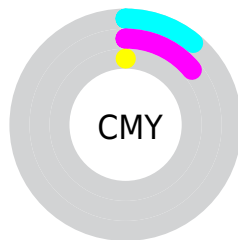
- Red (89%)
- Green (86%)
- Blue (100%)



- Red (89%)
- Yellow (86%)
- Blue (100%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3218, 74.7373, 105.0636 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 75.3218, 74.7373, 105.0636 by changing the saturation by 10% instead.

75.3218, 74.7373,
105.0636

75.3218, 74.7373,
105.0636

468.0031,
477.0142, 597.6927

56.1717, 55.3977,
79.8957

125.7533,
125.9404, 170.2108

40.5781, 39.7202,
59.1069

157.7653,
158.5728, 211.0272

28.1758, 27.3205,
42.2786

194.7953,
196.4048, 257.8969

18.5993, 17.8141,
28.9923

237.2087,
239.8209, 311.2383

11.4834, 10.8166,
18.8295

285.3708,
289.2055, 371.4701

6.4627, 5.9436,
11.3715

339.6470,

3.1717, 2.8108,

344.9430, 439.0107

6.2000

400.4027,
407.4177, 514.2787

■ 1.2452, 1.0338,
2.8963

■ 0.1416, 0.0000,
1.0419

■ 75.3218, 74.7373,
105.0636

■ 75.3218, 74.7373,
105.0636

■ 63.0752, 59.2368,
102.7172

■ 89.3557, 92.6785,
107.7869

■ 52.5372, 46.0620,
100.7296

95.0500, 100.0000,
108.9000

■ 43.6322, 35.1022,
99.0835

■ 36.2763, 26.2340,
97.7594

■ 30.3780, 19.3218,
96.7361

■ 25.8357, 14.2137,
95.9896

■ 22.5340, 10.7348,
95.4921

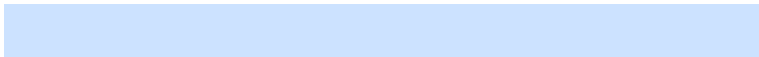
■ 20.3363, 8.6738,
95.2101

■ 19.4146, 7.9235,
95.1139

Harmonies

Analogous

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



70.8867, 74.7373, 108.7954



75.3218, 74.7373, 105.0636



78.7260, 74.7373, 94.8319

Triad

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



75.3218, 74.7373, 105.0636



75.5904, 74.7373, 61.9018



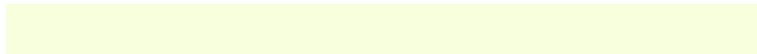
62.7194, 74.7373, 80.9503

Complementary

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



75.3218, 74.7373, 105.0636



87.3913, 96.6445, 81.7619

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.



63.8630, 74.7373, 69.2576



75.3218, 74.7373, 105.0636



71.1846, 74.7373, 59.0005

Square

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



75.3218, 74.7373, 105.0636



78.8856, 74.7373, 69.9234



66.9151, 74.7373, 61.5470



63.7244, 74.7373, 94.0159

Rectangle

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



75.3218, 74.7373, 105.0636



79.8858, 74.7373, 86.1971



66.9151, 74.7373, 61.5470



62.8644, 74.7373, 76.7385

Sweetspot

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



75.3238, 74.7403, 105.0641



88.9431, 92.1489, 107.7064



81.3141, 89.9311, 107.6805



18.7988, 19.4173, 23.0071



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.



75.3238, 74.7403, 105.0641



72.3812, 71.0006, 104.4973



80.9244, 77.6275, 105.3262



17.3421, 17.5526, 22.7239



10.2398, 4.1893, 49.7035



1.0806, 0.4510, 4.8434

Inverse Universe

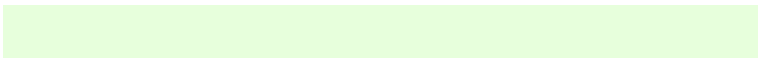
The Inverse Universe completely reimagines the original color for something new.



83.7782, 79.2265, 99.6858



82.1013, 76.1601, 98.2410



81.6620, 93.6909, 81.4938



18.6278, 18.2344, 21.9233



27.2993, 13.4090, 31.2903



2.6957, 1.3207, 3.2452

Previews

White Background



This preview shows how the XYZ color 75.3218, 74.7373, 105.0636 looks on a white background.

Color Contrast Check

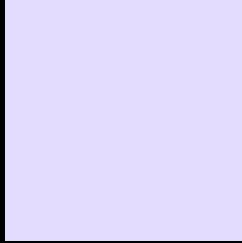
Large Text (above 18pt) WCAG AA × Fail

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 75.3218, 74.7373, 105.0636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

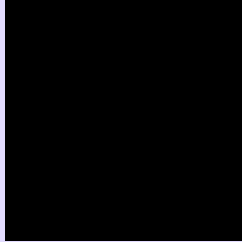
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3218, 74.7373, 105.0636

Background



This preview shows how black text looks on a background with the XYZ color 75.3218, 74.7373, 105.0636.

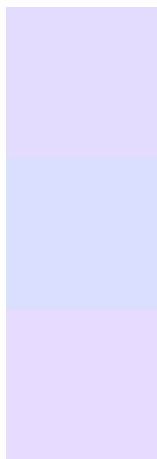


This preview shows how white text looks on a background with the XYZ color 75.3218, 74.7373,

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

75.3218, 74.7373, 105.0636

Protanopia

73.6511, 75.0554, 105.2131

Deuteranopia

76.3365, 74.8720, 105.0361



Tritanopia

73.1672, 75.0742, 93.0725

Trichromacy



Original Color

75.3218, 74.7373, 105.0636

Protanomaly

74.2955, 74.9921, 105.1669

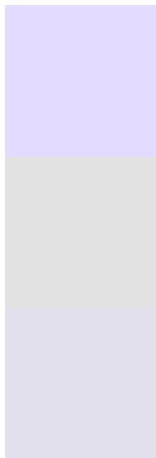
Deuteranomaly

76.0146, 74.7060, 105.0210

Tritanomaly

73.9667, 75.0039, 96.9649

Monochromacy



Original Color

75.3218, 74.7373, 105.0636

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.3057, 75.5945, 90.8483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3218, 74.7373, 105.0636 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(227, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 220, 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(227, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.3218, 74.7373, 105.0636 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(227, 220, 255) }
```


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

```
.border{ border-color:rgb(227, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3218, 74.7373, 105.0636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 220, 255) }
```

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

```
.background{ background-color: rgb(227,  
220, 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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