

Converting Colors

XYZ(75.7450, 73.2273,
104.7498)

Have a look what the booklet for
XYZ(75.7450, 73.2273, 104.7498)
contains.

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Color

**XYZ(75.8846, 73.4875,
104.7927)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D8FF
RGB	232, 216, 255
RGB Percent	91%, 85%, 100%
CMY	0.0902, 0.1529, 0.0000
CMYK	0.09, 0.15, 0.00, 0.00
HSL	265°, 100%, 92%
HSV	265°, 15%, 100%
XYZ	75.8846, 73.4875, 104.7927
YIQ	225.2300, -2.9830, 15.5210

Conversions

Conversions Part 2

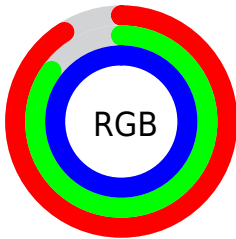
Format	Color
R _Y B	232, 216, 255
Decimal	15259903
CIE Lab	88.68, 12.64, -16.98
CIE LCh	89, 21.170, 306.666
Yxy	73.4875, 0.2986, 0.2891
Android (android.graphics.Color)	4293449983 (0xFFE8D8FF)
YUV	225.2300, 14.6766, 5.9373
Hunter-Lab	85.7249, 7.9917, -12.4705

Details

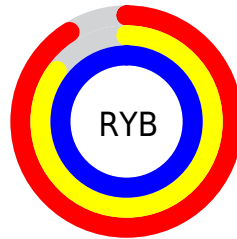
The XYZ color **75.8846, 73.4875, 104.7927** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.7529, 94.8293, 78.8588**, and the grayscale version is **71.6345, 75.3651, 82.0725**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8424, 38.7971, 58.7620** is the 20% darker color. If you saturate the color by 10%, you get **65.1774, 59.0122, 102.5630**, and if you desaturate by 10%, it is **88.0273, 90.2117, 107.3808**.

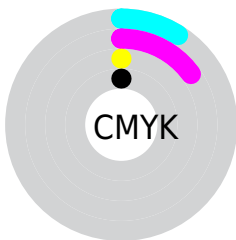
Distribution



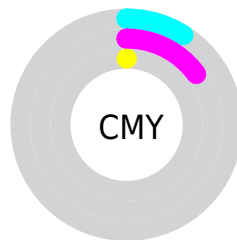
- Red (91%)
- Green (85%)
- Blue (100%)



- 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 75.8846, 73.4875, 104.7927 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 75.8846, 73.4875, 104.7927 by changing the saturation by 10% instead.

75.8846, 73.4875,
104.7927

75.8846, 73.4875,
104.7927

469.9030,
472.7027, 596.8291

56.6346, 54.3747,
79.6700

126.5450,
124.1690, 169.8371

40.9509, 38.9013,
58.9223

158.6861,
156.5065, 210.5959

28.4683, 26.6829,
42.1310

195.8550,
194.0211, 257.4038

18.8212, 17.3352,
28.8775

238.4170,
237.0970, 310.6794

11.6444, 10.4738,
18.7434

286.7374,
286.1187, 370.8412

6.5725, 5.7142,
11.3101

341.1816,

3.2401, 2.6721,

341.4706, 438.3077

6.1590

402.1151,
403.5372, 513.4975

■ 1.2820, 0.9630,
2.8717

■ 0.1697, 0.0000,
1.0295

■ 75.8846, 73.4875,
104.7927

■ 75.8846, 73.4875,
104.7927

■ 65.1774, 59.0122,
102.5630

■ 88.0273, 90.2117,
107.3808

■ 55.8427, 46.6781,
100.6743

95.0500, 100.0000,
108.9000

■ 47.8214, 36.3822,
99.1097

■ 41.0475, 28.0091,
97.8506

■ 35.4484, 21.4314,
96.8761

■ 30.9435, 16.5059,
96.1628

■ 27.4396, 13.0661,
95.6835

■ 24.8243, 10.9076,
95.4047

■ 23.8301, 10.1997,
95.3205

Harmonies

Analogous

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



70.9951, 73.4875, 111.3668



75.8846, 73.4875, 104.7927



79.2696, 73.4875, 91.6944

Triad

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



75.8846, 73.4875, 104.7927



73.8147, 73.4875, 56.8460



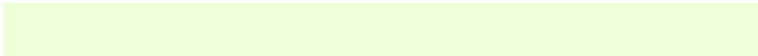
60.5305, 73.4875, 83.3285

Complementary

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



75.8846, 73.4875, 104.7927



83.7529, 94.8293, 78.8588

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.



61.2035, 73.4875, 69.3728



75.8846, 73.4875, 104.7927



68.7126, 73.4875, 55.1805

Square

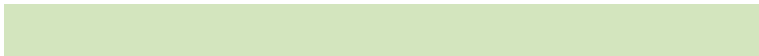
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8846, 73.4875, 104.7927



78.0344, 73.4875, 64.3518



64.1397, 73.4875, 59.4882



62.2545, 73.4875, 98.0345

Rectangle

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



75.8846, 73.4875, 104.7927



80.1295, 73.4875, 81.6642



64.1397, 73.4875, 59.4882



60.4853, 73.4875, 78.3889

Sweetspot

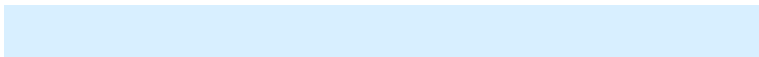
The Sweet Spot groups the original color and five complimentary colors.



75.8866, 73.4905, 104.7932



88.4041, 90.7348, 107.4619



77.3547, 83.7884, 106.7035



18.7286, 19.1524, 22.9596



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.



75.8866, 73.4905, 104.7932



72.8477, 69.3525, 104.1546



82.4270, 76.8622, 105.0993



17.7087, 17.7416, 22.7411



12.6111, 5.4117, 49.8145



1.3482, 0.5890, 4.8559

Inverse Universe

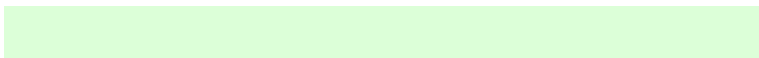
The Inverse Universe completely reimagines the original color for something new.



81.3776, 76.6065, 92.1610



79.2301, 72.9760, 89.3964



77.6416, 91.6789, 78.5728



18.4589, 18.1669, 21.0337



24.5177, 12.2964, 16.6427



2.4415, 1.2190, 1.9064

Previews

White Background



This preview shows how the XYZ color 75.8846, 73.4875, 104.7927 looks on a white background.

Color Contrast Check

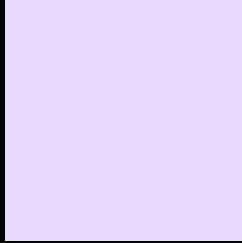
Large Text (above 18pt) WCAG AA × Fail

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 75.8846, 73.4875, 104.7927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

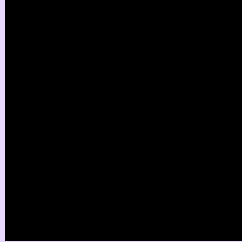
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8846, 73.4875, 104.7927

Background



This preview shows how black text looks on a background with the XYZ color 75.8846, 73.4875, 104.7927.

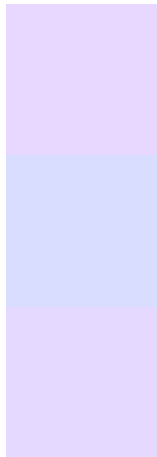


This preview shows how white text looks on a background with the XYZ color 75.8846, 73.4875,

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

75.8846, 73.4875, 104.7927

Protanopia

72.5217, 73.6846, 105.0080

Deuteranopia

75.1760, 73.5037, 104.8332



Tritanopia

72.7849, 73.3772, 89.6839

Trichromacy



Original Color

75.8846, 73.4875, 104.7927

Protanomaly

73.5057, 73.4126, 104.9036

Deuteranomaly

75.4960, 73.6687, 104.8482

Tritanomaly

73.8822, 73.4369, 95.0747

Monochromacy



Original Color

75.8846, 73.4875, 104.7927

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.2565, 74.7927, 89.9323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8846, 73.4875, 104.7927 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(232, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.8846, 73.4875, 104.7927 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(232, 216, 255) }
```


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

```
.border{ border-color:rgb(232, 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(232, 216, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8846, 73.4875, 104.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 216, 255) }
```

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

```
.background{ background-color: rgb(232,  
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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