

Converting Colors

XYZ(77.1292, 75.3863,
103.1350)

Have a look what the booklet for
XYZ(77.1292, 75.3863, 103.1350)
contains.

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Color

**XYZ(76.9928, 75.2473,
103.3947)**

Conversions

Conversions Part 1

Format	Color
Hex	EADBFD
RGB	234, 219, 253
RGB Percent	92%, 86%, 99%
CMY	0.0823, 0.1412, 0.0078
CMYK	0.08, 0.13, 0.00, 0.01
HSL	266°, 89%, 93%
HSV	266°, 13%, 99%
XYZ	76.9928, 75.2473, 103.3947
YIQ	227.3610, -1.9740, 13.7540

Conversions

Conversions Part 2

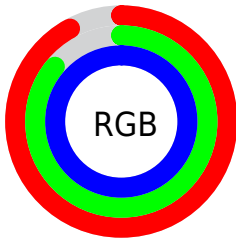
Format	Color
R _Y B	234, 219, 253
Decimal	15391741
CIE Lab	89.51, 11.32, -14.67
CIE LCh	90, 18.527, 307.644
Yxy	75.2473, 0.3012, 0.2944
Android (android.graphics.Color)	4293581821 (0xFFEADBFD)
YUV	227.3610, 12.6400, 5.8224
Hunter-Lab	86.7452, 6.6279, -9.9482

Details

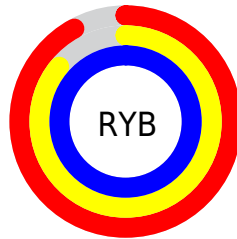
The XYZ color **76.9928, 75.2473, 103.3947** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.1741, 93.5441, 80.6936**, and the grayscale version is **73.1902, 77.0018, 83.8549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5994, 40.0014, 57.7531** is the 20% darker color. If you saturate the color by 10%, you get **66.4296, 60.7386, 101.1521**, and if you desaturate by 10%, it is **88.9341, 91.9596, 105.9923**.

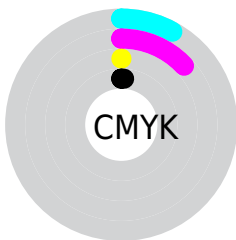
Distribution



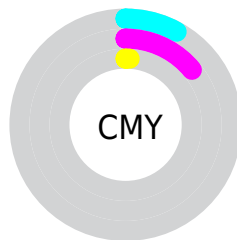
- Red (92%)
- Green (86%)
- Blue (99%)



- Red (92%)
- Yellow (86%)
- Blue (99%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9928, 75.2473, 103.3947 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 76.9928, 75.2473, 103.3947 by changing the saturation by 10% instead.

76.9928, 75.2473,
103.3947

76.9928, 75.2473,
103.3947

473.6318,
478.7671, 592.3618

57.5469, 55.8155,
78.5060

128.1022,
126.6624, 167.9069

41.6863, 40.0550,
57.9708

160.4964,
159.4144, 208.3675

29.0458, 27.5815,
41.3706

197.9374,
197.3754, 254.8558

19.2599, 18.0104,
28.2869

240.7905,
240.9296, 307.7904

11.9634, 10.9574,
18.3011

289.4212,
290.4615, 367.5897

6.7908, 6.0382,
10.9947

344.1947,

3.3767, 2.8683,

346.3554, 434.6724

5.9492

405.4765,
408.9959, 509.4569

■ 1.3560, 1.0634,
2.7459

■ 0.2245, 0.0000,
0.9664

■ 76.9928, 75.2473,
103.3947

■ 76.9928, 75.2473,
103.3947

■ 66.4296, 60.7386,
101.1521

■ 88.9341, 91.9596,
105.9923

■ 57.1841, 48.3292,
99.2442

94.7298, 99.8719,
107.2140

■ 49.2009, 37.9205,
97.6559

■ 42.4180, 29.4022,
96.3691

■ 36.7675, 22.6527,
95.3642

■ 32.1737, 17.5357,
94.6186

■ 28.5502, 13.8941,
94.1067

■ 25.7934, 11.5374,
93.7971

■ 24.3619, 10.5109,
93.6744

Harmonies

Analogous

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



72.6894, 75.2473, 109.3309



76.9928, 75.2473, 103.3947



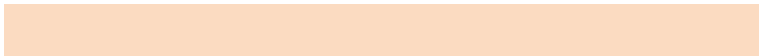
79.9126, 75.2473, 91.8266

Triad

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



76.9928, 75.2473, 103.3947



74.8967, 75.2473, 60.8920



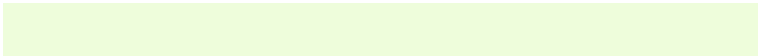
63.2022, 75.2473, 85.3069

Complementary

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



76.9928, 75.2473, 103.3947



83.1741, 93.5441, 80.6936

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.



63.7371, 75.2473, 72.7741



76.9928, 75.2473, 103.3947



70.3638, 75.2473, 59.5409

Square

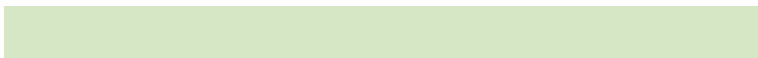
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9928, 75.2473, 103.3947



78.6671, 75.2473, 67.5736



66.3135, 75.2473, 63.6653



64.8200, 75.2473, 98.1915

Rectangle

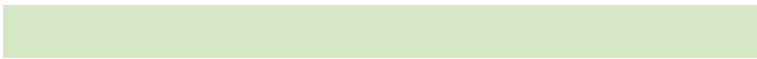
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9928, 75.2473, 103.3947



80.6141, 75.2473, 82.9647



66.3135, 75.2473, 63.6653



63.1375, 75.2473, 80.9069

Sweetspot

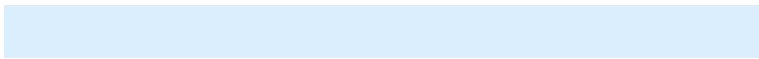
The Sweet Spot groups the original color and five complimentary colors.



76.9951, 75.2505, 103.3964



89.8157, 92.5987, 107.7473



77.5980, 83.4591, 104.9490



19.0191, 19.5309, 23.0174



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.



76.9951, 75.2505, 103.3964



75.4903, 72.6034, 104.6428



82.7510, 78.2178, 103.6657



17.7635, 17.7698, 22.7436



13.1205, 5.6744, 49.8383



1.4005, 0.6159, 4.8583

Inverse Universe

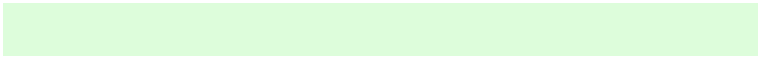
The Inverse Universe completely reimagines the original color for something new.



81.2747, 77.7220, 91.6108



80.6236, 75.5690, 90.4592



77.8142, 90.7810, 80.4427



18.4345, 18.1571, 20.9050



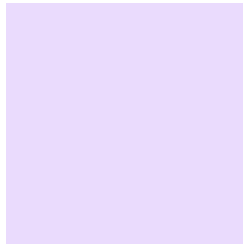
24.1965, 12.1679, 14.9513



2.4109, 1.2067, 1.7453

Previews

White Background



This preview shows how the XYZ color 76.9928, 75.2473, 103.3947 looks on a white background.

Color Contrast Check

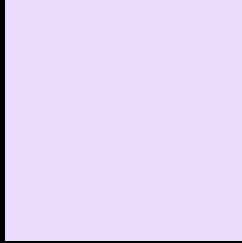
Large Text (above 18pt) WCAG AA × Fail

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 76.9928, 75.2473, 103.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

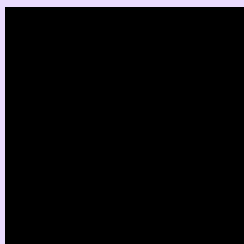
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9928, 75.2473, 103.3947

Background



This preview shows how black text looks on a background with the XYZ color 76.9928, 75.2473, 103.3947.

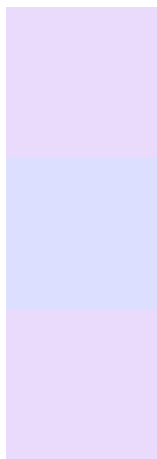


This preview shows how white text looks on a background with the XYZ color 76.9928, 75.2473,

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

76.9928, 75.2473, 103.3947

Protanopia

73.9529, 75.2110, 105.2272

Deuteranopia

76.9928, 75.2473, 103.3947



Tritanopia

74.7152, 75.1007, 92.2193

Trichromacy



Original Color

76.9928, 75.2473, 103.3947

Protanomaly

75.0620, 75.4059, 104.3645

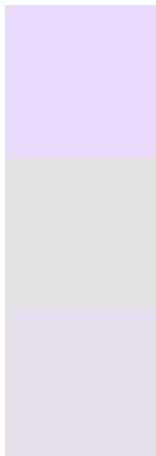
Deuteranomaly

76.9928, 75.2473, 103.3947

Tritanomaly

75.5266, 75.0417, 96.0918

Monochromacy



Original Color

76.9928, 75.2473, 103.3947

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.4291, 76.1904, 90.1403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9928, 75.2473, 103.3947 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(234, 219, 253)` looks like.

```
.text, #text, p{  
    color:rgb(234, 219, 253)  
}
```

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(234, 219, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 253) }
```

Border

The CSS property to change the border of an element to XYZ 76.9928, 75.2473, 103.3947 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(234, 219, 253) }
```


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

```
.border{ border-color:rgb(234, 219, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 219, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 253);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9928, 75.2473, 103.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 219, 253) }
```

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

```
.background{ background-color: rgb(234,  
219, 253) }
```

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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