

Converting Colors

XYZ(77.3588, 76.2336,
102.7328)

Have a look what the booklet for
XYZ(77.3588, 76.2336, 102.7328)
contains.

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Color

**XYZ(77.3588, 76.2336,
102.7328)**

Conversions

Conversions Part 1

Format	Color
Hex	EADDFC
RGB	234, 221, 252
RGB Percent	92%, 87%, 99%
CMY	0.0823, 0.1333, 0.0118
CMYK	0.07, 0.12, 0.00, 0.01
HSL	265°, 84%, 93%
HSV	265°, 12%, 99%
XYZ	77.3588, 76.2336, 102.7328
YIQ	228.4210, -2.2030, 12.3970

Conversions

Conversions Part 2

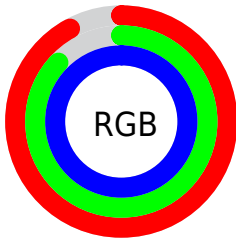
Format	Color
RYB	234, 221, 252
Decimal	15392252
CIELab	89.97, 10.07, -13.46
CIELCh	90, 16.811, 306.818
Yxy	76.2336, 0.3018, 0.2974
Android (android.graphics.Color)	4293582332 (0xFFEADDFC)
YUV	228.4210, 11.6244, 4.8928
Hunter-Lab	87.3119, 5.3563, -8.6435

Details

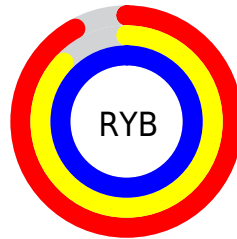
The XYZ color **77.3588, 76.2336, 102.7328** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.4610, 93.1940, 81.9997**, and the grayscale version is **73.9716, 77.8239, 84.7502**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8466, 40.6775, 57.2758** is the 20% darker color. If you saturate the color by 10%, you get **66.5912, 61.5376, 100.4649**, and if you desaturate by 10%, it is **89.5264, 93.1378, 105.3555**.

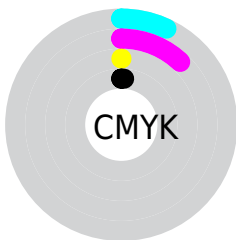
Distribution



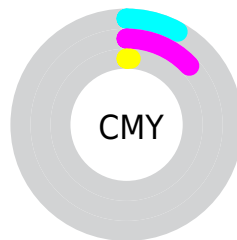
- Red (92%)
- Green (87%)
- Blue (99%)



- Red (92%)
- Yellow (87%)
- Blue (99%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3588, 76.2336, 102.7328 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 77.3588, 76.2336, 102.7328 by changing the saturation by 10% instead.

77.3588, 76.2336,
102.7328

77.3588, 76.2336,
102.7328

474.8597,
482.1470, 590.2405

57.8484, 56.6241,
77.9552

128.6160,
128.0571, 166.9922

41.9295, 40.7035,
57.5210

161.0935,
161.0398, 207.3110

29.2370, 28.0875,
41.0115

198.6240,
199.2490, 253.6474

19.4054, 18.3916,
28.0083

241.5729,
243.0692, 306.4198

12.0693, 11.2315,
18.0928

290.3056,
292.8847, 366.0467

6.8634, 6.2228,
10.8465

345.1873,

3.4224, 2.9810,

349.0799, 432.9468

5.8509

406.5836,
412.0392, 507.5386

■ 1.3809, 1.1218,
2.6873

■ 0.2425, 0.0000,
0.9370

■ 77.3588, 76.2336,
102.7328

■ 77.3588, 76.2336,
102.7328

■ 66.5912, 61.5376,
100.4649

■ 89.5264, 93.1378,
105.3555

■ 57.1629, 48.9466,
98.5315

94.5709, 99.8084,
106.3772

■ 49.0186, 38.3632,
96.9179

■ 42.0961, 29.6787,
95.6065

■ 36.3278, 22.7733,
94.5777

■ 31.6383, 17.5135,
93.8096

■ 27.9421, 13.7456,
93.2771

■ 25.1376, 11.2851,
92.9500

■ 23.4748, 10.0719,
92.8035

Harmonies

Analogous

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



73.4117, 76.2336, 107.8985



77.3588, 76.2336, 102.7328



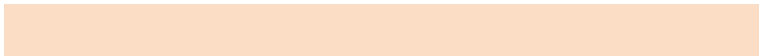
80.0640, 76.2336, 92.3560

Triad

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



77.3588, 76.2336, 102.7328



75.6531, 76.2336, 63.6738



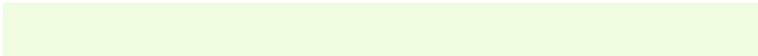
64.8005, 76.2336, 85.7553

Complementary

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



77.3588, 76.2336, 102.7328



83.4610, 93.1940, 81.9997

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.



65.3492, 76.2336, 74.3083



77.3588, 76.2336, 102.7328



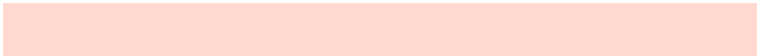
71.5121, 76.2336, 62.2697

Square

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



77.3588, 76.2336, 102.7328



79.0532, 76.2336, 70.0175



67.7682, 76.2336, 65.9804



66.2398, 76.2336, 97.5077

Rectangle

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



77.3588, 76.2336, 102.7328



80.7432, 76.2336, 84.2839



67.7682, 76.2336, 65.9804



64.7595, 76.2336, 81.7399

Sweetspot

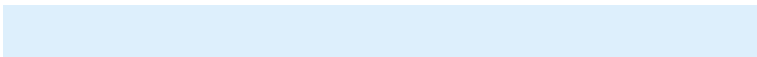
The Sweet Spot groups the original color and five complimentary colors.



77.3611, 76.2368, 102.7345



89.7362, 92.5577, 107.7436



78.2831, 84.1850, 104.2200



18.9990, 19.5206, 23.0164



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.



77.3611, 76.2368, 102.7345



76.3336, 74.0049, 104.8689



82.6450, 78.9608, 102.9818



16.9727, 16.9986, 21.7718



12.3873, 5.3286, 48.3492



1.2651, 0.5543, 4.4835

Inverse Universe

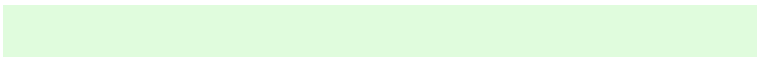
The Inverse Universe completely reimagines the original color for something new.



81.5840, 78.6437, 92.5450



81.5628, 76.9867, 92.1930



78.4757, 90.6241, 81.7664



17.6673, 17.3943, 20.1037



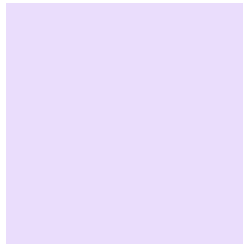
23.7035, 11.8971, 15.6790



2.2482, 1.1230, 1.7307

Previews

White Background



This preview shows how the XYZ color 77.3588, 76.2336, 102.7328 looks on a white background.

Color Contrast Check

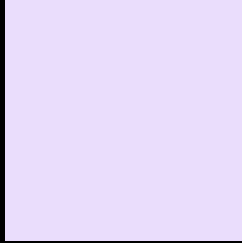
Large Text (above 18pt) WCAG AA × Fail

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 77.3588, 76.2336, 102.7328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

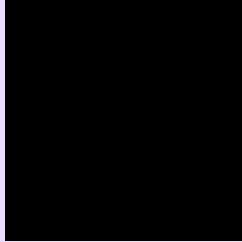
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3588, 76.2336, 102.7328

Background



This preview shows how black text looks on a background with the XYZ color 77.3588, 76.2336, 102.7328.

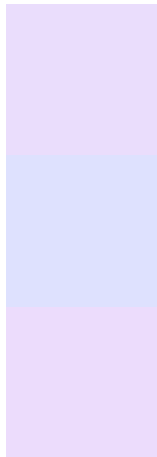


This preview shows how white text looks on a background with the XYZ color 77.3588, 76.2336,

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

77.3588, 76.2336, 102.7328

Protanopia

74.9388, 76.5358, 104.5891

Deuteranopia

77.7560, 76.0475, 102.6759



Tritanopia

75.5436, 76.2820, 93.9614

Trichromacy



Original Color

77.3588, 76.2336, 102.7328

Protanomaly

75.7493, 76.5719, 103.7159

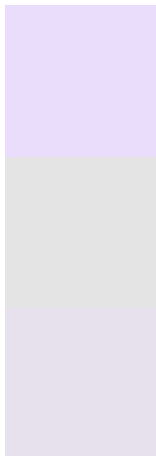
Deuteranomaly

77.4248, 75.8768, 102.6604

Tritanomaly

76.2070, 76.1588, 97.0698

Monochromacy



Original Color

77.3588, 76.2336, 102.7328

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.8444, 76.7878, 90.9976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3588, 76.2336, 102.7328 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, 221, 252)` looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 252)  
}
```

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, 221, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 252) }
```

Border

The CSS property to change the border of an element to XYZ 77.3588, 76.2336, 102.7328 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, 221, 252) }
```


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

```
.border{ border-color:rgb(234, 221, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 221, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 221, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 221, 252);  
box-shadow:4px 4px 4px 4px rgb(234, 221,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3588, 76.2336, 102.7328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 221, 252) }
```

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

```
.background{ background-color: rgb(234,  
221, 252) }
```

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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