

Converting Colors

XYZ(76.3725, 72.1064,
104.5004)

Have a look what the booklet for
XYZ(76.3725, 72.1064, 104.5004)
contains.

XYZ(76.5185, 72.3115, 104.5323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.5185, 72.3115,
104.5323)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD4FF
RGB	237, 212, 255
RGB Percent	93%, 83%, 100%
CMY	0.0706, 0.1686, 0.0000
CMYK	0.07, 0.17, 0.00, 0.00
HSL	275°, 100%, 92%
HSV	275°, 17%, 100%
XYZ	76.5185, 72.3115, 104.5323
YIQ	224.3770, 1.0970, 18.6730

Conversions

Conversions Part 2

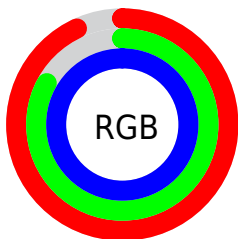
Format	Color
R _Y B	237, 212, 255
Decimal	15586559
CIE Lab	88.12, 16.35, -17.79
CIE LCh	88, 24.158, 312.591
Yxy	72.3115, 0.3020, 0.2854
Android (android.graphics.Color)	4293776639 (0xFFEDD4FF)
YUV	224.3770, 15.0971, 11.0704
Hunter-Lab	85.0362, 11.8072, -13.3580

Details

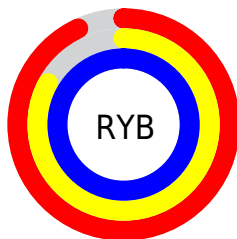
The XYZ color **76.5185, 72.3115, 104.5323** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.2786, 93.0973, 76.0293**, and the grayscale version is **71.0177, 74.7162, 81.3659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3061, 38.0149, 58.5866** is the 20% darker color. If you saturate the color by 10%, you get **67.1823, 58.7728, 102.4111**, and if you desaturate by 10%, it is **87.0775, 87.9788, 106.9999**.

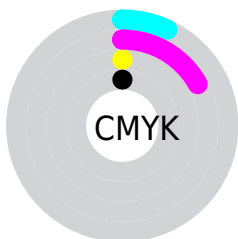
Distribution



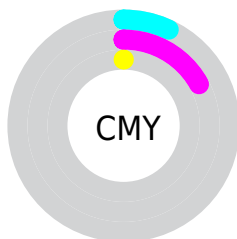
- Red (93%)
- Green (83%)
- Blue (100%)



- 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 76.5185, 72.3115, 104.5323 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 76.5185, 72.3115, 104.5323 by changing the saturation by 10% instead.

76.5185, 72.3115,
104.5323

76.5185, 72.3115,
104.5323

472.0379,
468.6251, 595.9983

57.1563, 53.4132,
79.4531

127.4360,
122.4993, 169.4778

41.3714, 38.1327,
58.7449

159.7221,
154.5576, 210.1811

28.7983, 26.0857,
41.9891

197.0468,
191.7713, 256.9297

19.0718, 16.8878,
28.7673

239.7756,
234.5248, 310.1419

11.8265, 10.1545,
18.6608

288.2737,
283.2025, 370.2363

6.6970, 5.5015,
11.2511

342.9066,

3.3180, 2.5444,

338.1889, 437.6315

6.1197

404.0395,
399.8683, 512.7460

■ 1.3241, 0.8988,
2.8480

■ 0.2011, 0.0000,
1.0176

■ 76.5185, 72.3115,
104.5323

■ 76.5185, 72.3115,
104.5323

■ 67.1823, 58.7728,
102.4111

■ 87.0775, 87.9788,
106.9999

■ 59.0121, 47.2577,
100.6191

95.0500, 100.0000,
108.9000

■ 51.9554, 37.6653,
99.1395

■ 45.9525, 29.8825,
97.9537

■ 40.9380, 23.7839,
97.0408

■ 36.8376, 19.2275,
96.3775

■ 33.5651, 16.0466,
95.9360

■ 31.0119, 14.0311,
95.6815

■ 30.3086, 13.5396,
95.6237

Harmonies

Analogous

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



71.1780, 72.3115, 114.0112



76.5185, 72.3115, 104.5323



79.8742, 72.3115, 88.6336

Triad

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



76.5185, 72.3115, 104.5323



72.1045, 72.3115, 52.1315



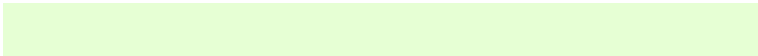
58.4566, 72.3115, 85.8696

Complementary

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



76.5185, 72.3115, 104.5323



80.2786, 93.0973, 76.0293

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.



58.6737, 72.3115, 69.6022



76.5185, 72.3115, 104.5323



66.3386, 72.3115, 51.6079

Square

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



76.5185, 72.3115, 104.5323



77.2294, 72.3115, 59.1221



61.4886, 72.3115, 57.5747



60.8781, 72.3115, 102.2664

Rectangle

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



76.5185, 72.3115, 104.5323



80.4249, 72.3115, 77.3066



61.4886, 72.3115, 57.5747



58.2275, 72.3115, 80.1807

Sweetspot

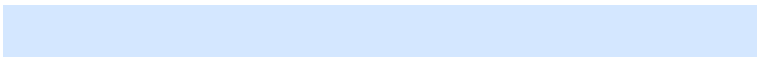
The Sweet Spot groups the original color and five complimentary colors.



76.5205, 72.3145, 104.5328



89.1802, 91.1349, 107.4982



73.6772, 78.1663, 105.8121



18.9171, 19.2496, 22.9684



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.



76.5205, 72.3145, 104.5328



73.4600, 67.8391, 103.8302



82.3767, 75.3864, 102.4159



18.0148, 17.8994, 22.7554



16.0110, 7.1645, 49.9736



1.6835, 0.7618, 4.8716

Inverse Universe

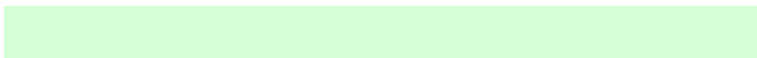
The Inverse Universe completely reimagines the original color for something new.



79.0682, 74.0630, 84.9938



76.4712, 69.9011, 80.9461



75.1622, 90.4175, 77.6944



18.3248, 18.1132, 20.3275



22.9990, 11.6889, 8.6450



2.2924, 1.1593, 1.1210

Previews

White Background



This preview shows how the XYZ color 76.5185, 72.3115, 104.5323 looks on a white background.

Color Contrast Check

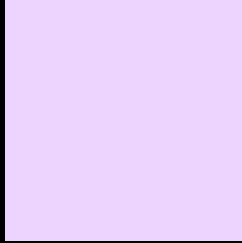
Large Text (above 18pt) WCAG AA × Fail

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 76.5185, 72.3115, 104.5323 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 76.5185, 72.3115, 104.5323

Background



This preview shows how black text looks on a background with the XYZ color 76.5185, 72.3115, 104.5323.

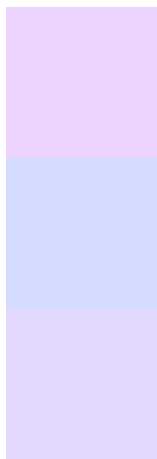


This preview shows how white text looks on a background with the XYZ color 76.5185, 72.3115,

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

76.5185, 72.3115, 104.5323

Protanopia

71.3748, 72.7025, 104.8789

Deuteranopia

74.1238, 72.5984, 103.8721



Tritanopia

73.1955, 72.4874, 87.2244

Trichromacy



Original Color

76.5185, 72.3115, 104.5323

Protanomaly

72.9871, 72.3753, 104.7307

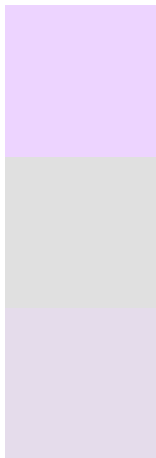
Deuteranomaly

75.1448, 72.7456, 103.8467

Tritanomaly

74.4386, 72.6139, 93.3116

Monochromacy



Original Color

76.5185, 72.3115, 104.5323

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.9017, 73.8426, 89.0080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5185, 72.3115, 104.5323 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(237, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 212, 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(237, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.5185, 72.3115, 104.5323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

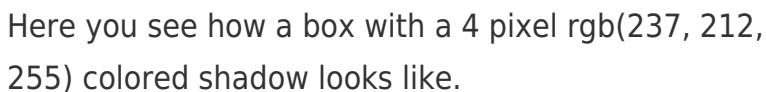
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 212, 255) }
```


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

```
.border{ border-color:rgb(237, 212, 255) }
```

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



Here you see how a box with a 4 pixel rgb(237, 212, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5185, 72.3115, 104.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 212, 255) }
```

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

```
.background{ background-color: rgb(237,  
212, 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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