

Converting Colors

XYZ(74.3328, 74.7995, 96.9062)

Have a look what the booklet for
XYZ(74.3328, 74.7995, 96.9062)
contains.

XYZ(74.3328, 74.7995, 96.9062)	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(74.3328, 74.7995,
96.9062)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DDF5
RGB	228, 221, 245
RGB Percent	89%, 87%, 96%
CMY	0.1059, 0.1333, 0.0392
CMYK	0.07, 0.10, 0.00, 0.04
HSL	257°, 55%, 91%
HSV	257°, 10%, 96%
XYZ	74.3328, 74.7995, 96.9062
YIQ	225.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

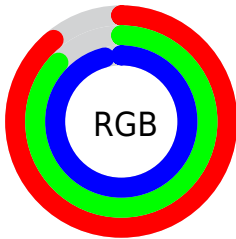
Format	Color
R _Y B	228, 221, 245
Decimal	14999029
CIE Lab	89.30, 6.79, -10.83
CIE LCh	89, 12.782, 302.081
Yxy	74.7995, 0.3021, 0.3040
Android (android.graphics.Color)	4293189109 (0xFFE4DDF5)
YUV	225.8290, 9.4513, 1.9040
Hunter-Lab	86.4867, 2.0638, -5.8923

Details

The XYZ color **74.3328, 74.7995, 96.9062** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.9663, 88.7044, 81.2646**, and the grayscale version is **72.1029, 75.8578, 82.6092**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0551, 39.8308, 53.7211** is the 20% darker color. If you saturate the color by 10%, you get **63.0982, 60.0974, 94.6617**, and if you desaturate by 10%, it is **87.0686, 91.6808, 99.4945**.

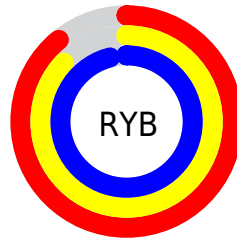
Distribution



Red (89%)

Green (87%)

Blue (96%)



Red (89%)

Yellow (87%)

Blue (96%)

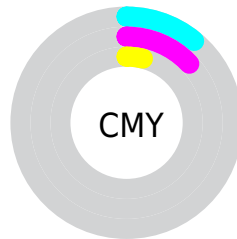


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3328, 74.7995, 96.9062 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 74.3328, 74.7995, 96.9062 by changing the saturation by 10% instead.

74.3328, 74.7995,
96.9062

74.3328, 74.7995,
96.9062

464.6538,
477.2281, 571.3891

55.3587, 55.4486,
73.1169

124.3604,
126.0285, 158.9136

39.9240, 39.7610,
53.5791

156.1447,
158.6754, 197.9689

27.6632, 27.3523,
37.8744

192.9297,
196.5232, 242.9498

18.2111, 17.8380,
25.5842

235.0809,
239.9562, 294.2750

11.2023, 10.8337,
16.2898

282.9635,
289.3588, 352.3630

6.2713, 5.9551,
9.5729

336.9429,

3.0530, 2.8178,

345.1154, 417.6323

5.0148

397.3846,
407.6104, 490.5015

■ 1.1818, 1.0374,
2.1971

■ 0.0920, 0.0000,
0.6727

■ 74.3328, 74.7995,
96.9062

■ 74.3328, 74.7995,
96.9062

■ 63.0982, 60.0974,
94.6617

■ 87.0686, 91.6808,
99.4945

■ 53.3011, 47.4750,
92.7417

■ 93.4817, 99.3727,
100.6412

■ 44.8831, 36.8396,
91.1325

■ 37.7792, 28.0873,
89.8176

■ 31.9184, 21.1047,
88.7787

■ 27.2230, 15.7656,
87.9956

■ 23.6052, 11.9269,
87.4454

■ 20.9635, 9.4193,
87.1006

■ 19.1441, 7.9733,
86.9174

Harmonies

Analogous

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



71.3130, 74.7995, 99.8728



74.3328, 74.7995, 96.9062



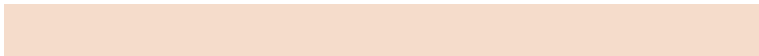
76.5353, 74.7995, 89.7669

Triad

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



74.3328, 74.7995, 96.9062



73.9443, 74.7995, 67.1699



65.2595, 74.7995, 82.0701

Complementary

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



74.3328, 74.7995, 96.9062



80.9663, 88.7044, 81.2646

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.



65.9182, 74.7995, 73.6520



74.3328, 74.7995, 96.9062



70.8768, 74.7995, 65.4342

Square

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



74.3328, 74.7995, 96.9062



76.3064, 74.7995, 72.6449



67.9520, 74.7995, 67.7207



66.1258, 74.7995, 90.9262

Rectangle

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



74.3328, 74.7995, 96.9062



77.2114, 74.7995, 83.8371



67.9520, 74.7995, 67.7207



65.3098, 74.7995, 79.0968

Sweetspot

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



74.3350, 74.8027, 96.9078



90.6921, 94.2024, 108.0106



76.9356, 83.2327, 98.3979



19.1681, 19.8396, 23.0691



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.



74.3350, 74.8027, 96.9078



78.5228, 78.1245, 105.5487



78.2076, 76.7991, 97.0891



16.0351, 16.1607, 20.8168



10.4150, 4.3435, 46.8275



1.0133, 0.4322, 4.1203

Inverse Universe

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



78.9479, 77.3018, 91.6525



84.6498, 81.4452, 98.5105



77.1329, 86.7283, 81.0852



16.9957, 16.6811, 19.7237



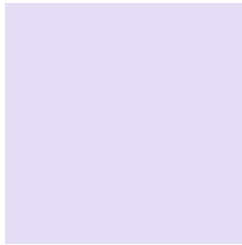
24.4424, 12.1204, 22.8360



2.1929, 1.0831, 2.2419

Previews

White Background



This preview shows how the XYZ color 74.3328, 74.7995, 96.9062 looks on a white background.

Color Contrast Check

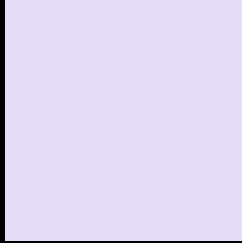
Large Text (above 18pt) WCAG AA × Fail

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 74.3328, 74.7995, 96.9062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

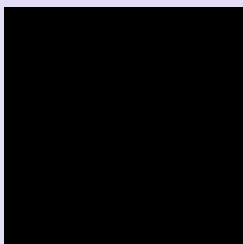
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3328, 74.7995, 96.9062

Background



This preview shows how black text looks on a background with the XYZ color 74.3328, 74.7995, 96.9062.

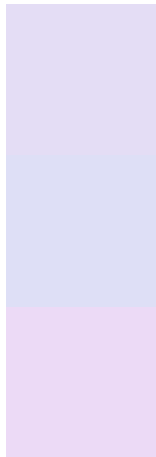


This preview shows how white text looks on a background with the XYZ color 74.3328, 74.7995,

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

74.3328, 74.7995, 96.9062

Protanopia

73.1464, 74.9588, 97.8020

Deuteranopia

76.2980, 74.6295, 97.5724



Tritanopia

73.3798, 74.8054, 92.2327

Trichromacy



Original Color

74.3328, 74.7995, 96.9062

Protanomaly

73.4963, 74.7437, 97.7421

Deuteranomaly

75.5703, 74.6405, 97.6128

Tritanomaly

73.6770, 74.9243, 93.7977

Monochromacy



Original Color

74.3328, 74.7995, 96.9062

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.0422, 75.5254, 87.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3328, 74.7995, 96.9062 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(228, 221, 245) looks like.

```
.text, #text, p{  
    color:rgb(228, 221, 245)  
}
```

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(228, 221, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 221, 245) }
```

Border

The CSS property to change the border of an element to XYZ 74.3328, 74.7995, 96.9062 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(228, 221, 245) }
```


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

```
.border{ border-color:rgb(228, 221, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 221, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 221, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 221, 245);  
box-shadow:4px 4px 4px 4px rgb(228, 221,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3328, 74.7995, 96.9062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 221, 245) }
```

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

```
.background{ background-color: rgb(228,  
221, 245) }
```

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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