

Converting Colors

XYZ(75.6954, 75.2845, 99.5107)

Have a look what the booklet for
XYZ(75.6954, 75.2845, 99.5107)
contains.

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Color

**XYZ(75.7547, 75.4791,
99.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DDF8
RGB	231, 221, 248
RGB Percent	91%, 87%, 97%
CMY	0.0941, 0.1333, 0.0274
CMYK	0.07, 0.11, 0.00, 0.03
HSL	262°, 66%, 92%
HSV	262°, 11%, 97%
XYZ	75.7547, 75.4791, 99.3832
YIQ	227.0680, -2.7070, 10.5170

Conversions

Conversions Part 2

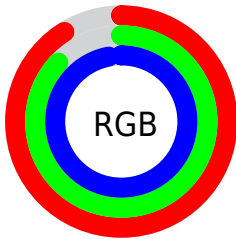
Format	Color
R _Y B	231, 221, 248
Decimal	15195640
CIE Lab	89.62, 8.34, -11.91
CIE LCh	90, 14.536, 304.998
Yxy	75.4791, 0.3023, 0.3012
Android (android.graphics.Color)	4293385720 (0xFFE7DDF8)
YUV	227.0680, 10.3195, 3.4484
Hunter-Lab	86.8787, 3.6070, -7.0085

Details

The XYZ color **75.7547, 75.4791, 99.3832** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.8812, 90.5344, 81.5696**, and the grayscale version is **72.9937, 76.7951, 83.6298**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8298, 40.1922, 55.4751** is the 20% darker color. If you saturate the color by 10%, you get **64.8673, 60.8553, 97.1355**, and if you desaturate by 10%, it is **88.0635, 92.2755, 101.9776**.

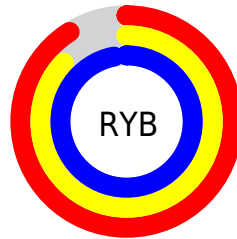
Distribution



Red (91%)

Green (87%)

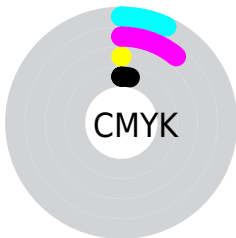
Blue (97%)



Red (91%)

Yellow (87%)

Blue (97%)

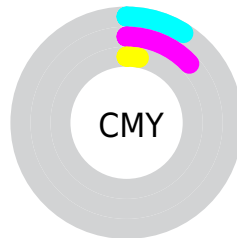


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (3%)



Cyan (9%)

Magenta (13%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7547, 75.4791, 99.3832 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 75.7547, 75.4791, 99.3832 by changing the saturation by 10% instead.

75.7547, 75.4791,
99.3832

75.7547, 75.4791,
99.3832

469.4649,
479.5627, 579.4431

56.5277, 56.0055,
75.1715

126.3623,
126.9903, 162.3538

40.8649, 40.2073,
55.2508

158.4737,
159.7967, 201.9497

28.4007, 27.7002,
39.2026

195.6105,
197.8161, 247.5109

18.7699, 18.0998,
26.6084

238.1382,
241.4330, 299.4557

11.6072, 11.0217,
17.0495

286.4222,
291.0317, 358.2029

6.5471, 6.0814,
10.1074

340.8277,

3.2243, 2.8946,

346.9966, 424.1708

5.3637

401.7202,
409.7121, 497.7780

■ 1.2735, 1.0770,
2.3998

■ 0.1632, 0.0000,
0.7863

■ 75.7547, 75.4791,
99.3832

■ 75.7547, 75.4791,
99.3832

■ 64.8673, 60.8553,
97.1355

■ 88.0635, 92.2755,
101.9776

■ 55.3406, 48.3039,
95.2150

■ 93.9435, 99.5574,
103.0733

■ 47.1194, 37.7312,
93.6075

■ 40.1417, 29.0322,
92.2962

■ 34.3401, 22.0920,
91.2624

■ 29.6402, 16.7825,
90.4853

■ 25.9578, 12.9575,
89.9411

■ 23.1941, 10.4429,
89.6014

■ 21.3406, 9.0442,
89.4291

Harmonies

Analogous

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



72.3410, 75.4791, 103.3905



75.7547, 75.4791, 99.3832



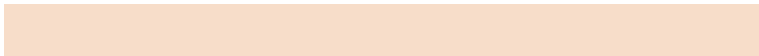
78.1507, 75.4791, 90.7858

Triad

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



75.7547, 75.4791, 99.3832



74.6844, 75.4791, 65.6064



65.1102, 75.4791, 83.9105

Complementary

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



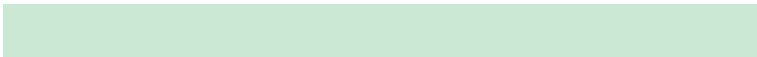
75.7547, 75.4791, 99.3832



81.8812, 90.5344, 81.5696

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.



65.6910, 75.4791, 74.1433



75.7547, 75.4791, 99.3832



71.1436, 75.4791, 64.0955

Square

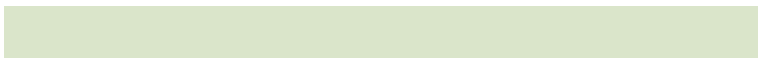
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7547, 75.4791, 99.3832



77.5185, 75.4791, 71.4048



67.8709, 75.4791, 67.0931



66.2572, 75.4791, 93.9966

Rectangle

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



75.7547, 75.4791, 99.3832



78.8066, 75.4791, 83.9118



67.8709, 75.4791, 67.0931



65.1102, 75.4791, 80.4799

Sweetspot

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



75.7569, 75.4823, 99.3849



90.9078, 94.3136, 108.0207



77.3684, 83.3594, 100.8204



19.2261, 19.8695, 23.0718



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.



75.7569, 75.4823, 99.3849



78.1043, 76.8966, 105.3337



80.2492, 77.7982, 99.5951



16.8901, 16.9560, 21.7679



11.6696, 4.9586, 48.3156



1.1934, 0.5173, 4.4801

Inverse Universe

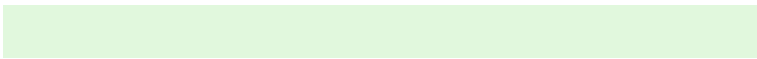
The Inverse Universe completely reimagines the original color for something new.



80.0031, 77.8457, 91.7017



83.4575, 79.8773, 95.5953



77.5479, 88.3005, 81.3668



17.7045, 17.4091, 20.2995



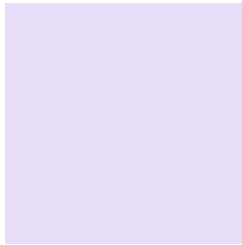
24.2312, 12.1082, 18.4576



2.2954, 1.1419, 1.9790

Previews

White Background



This preview shows how the XYZ color 75.7547, 75.4791, 99.3832 looks on a white background.

Color Contrast Check

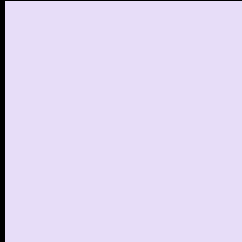
Large Text (above 18pt) WCAG AA × Fail

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 75.7547, 75.4791, 99.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

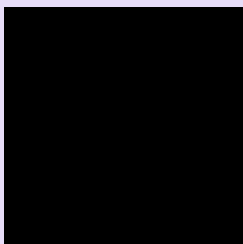
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7547, 75.4791, 99.3832

Background



This preview shows how black text looks on a background with the XYZ color 75.7547, 75.4791, 99.3832.

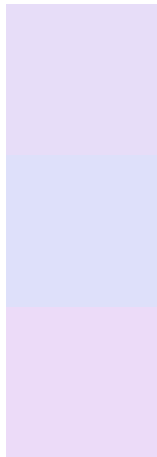


This preview shows how white text looks on a background with the XYZ color 75.7547, 75.4791,

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

75.7547, 75.4791, 99.3832

Protanopia

74.0352, 75.7430, 101.1603

Deuteranopia

76.8669, 75.2732, 99.2848



Tritanopia

74.4826, 75.3568, 93.0577

Trichromacy



Original Color

75.7547, 75.4791, 99.3832

Protanomaly

74.5379, 75.6225, 100.2906

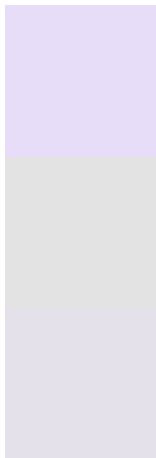
Deuteranomaly

76.4682, 75.4561, 99.3411

Tritanomaly

74.9321, 75.5366, 95.4247

Monochromacy



Original Color

75.7547, 75.4791, 99.3832

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.9155, 76.3426, 89.4371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7547, 75.4791, 99.3832 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(231, 221, 248)` looks like.

```
.text, #text, p{  
    color:rgb(231, 221, 248)  
}
```

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(231, 221, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 221, 248) }
```

Border

The CSS property to change the border of an element to XYZ 75.7547, 75.4791, 99.3832 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(231, 221, 248) }
```


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

```
.border{ border-color:rgb(231, 221, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 221, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 221, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 221, 248);  
box-shadow:4px 4px 4px 4px rgb(231, 221,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7547, 75.4791, 99.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 221, 248) }
```

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

```
.background{ background-color: rgb(231,  
221, 248) }
```

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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