

Converting Colors

XYZ(75.2590, 73.2749, 99.7994)

Have a look what the booklet for
XYZ(75.2590, 73.2749, 99.7994)
contains.

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Color

**XYZ(75.2590, 73.2749,
99.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D8F9
RGB	233, 216, 249
RGB Percent	91%, 85%, 98%
CMY	0.0863, 0.1529, 0.0235
CMYK	0.06, 0.13, 0.00, 0.02
HSL	271°, 73%, 91%
HSV	271°, 13%, 98%
XYZ	75.2590, 73.2749, 99.7994
YIQ	224.8450, -0.4610, 13.8670

Conversions

Conversions Part 2

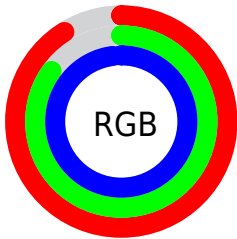
Format	Color
R _Y B	233, 216, 249
Decimal	15325433
CIE Lab	88.58, 11.80, -13.97
CIE LCh	89, 18.285, 310.188
Yxy	73.2749, 0.3031, 0.2951
Android (android.graphics.Color)	4293515513 (0xFFE9D8F9)
YUV	224.8450, 11.9084, 7.1519
Hunter-Lab	85.6008, 7.1334, -9.2039

Details

The XYZ color **75.2590, 73.2749, 99.7994** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.5517, 89.8669, 78.1225**, and the grayscale version is **71.3760, 75.0931, 81.7764**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5020, 38.6871, 55.7848** is the 20% darker color. If you saturate the color by 10%, you get **65.5497, 59.5080, 97.6550**, and if you desaturate by 10%, it is **86.2090, 89.1203, 102.2819**.

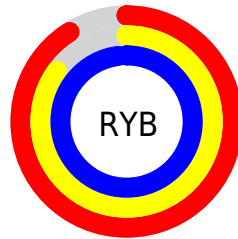
Distribution



Red (91%)

Green (85%)

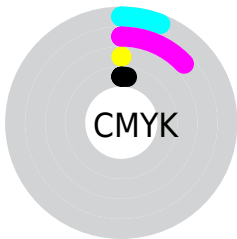
Blue (98%)



Red (91%)

Yellow (85%)

Blue (98%)

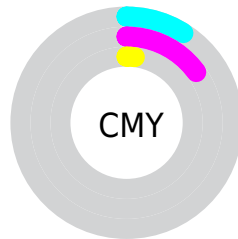


Cyan (6%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2590, 73.2749, 99.7994 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 75.2590, 73.2749, 99.7994 by changing the saturation by 10% instead.

75.2590, 73.2749,
99.7994

75.2590, 73.2749,
99.7994

467.7908,
471.9670, 580.7905

56.1200, 54.2008,
75.5171

125.6649,
123.8674, 162.9310

40.5365, 38.7622,
55.5323

157.6625,
156.1545, 202.6173

28.1432, 26.5748,
39.4266

194.6770,
193.6148, 248.2753

18.5746, 17.2541,
26.7814

237.0738,
236.6326, 300.3236

11.4655, 10.4158,
17.1781

285.2182,
285.5924, 359.1808

6.4504, 5.6755,
10.1983

339.4756,

3.1641, 2.6488,

340.8784, 425.2653

5.4233

400.2113,
402.8752, 498.9957

■ 1.2411, 0.9513,
2.4347

■ 0.1385, 0.0000,
0.8052

■ 75.2590, 73.2749,
99.7994

■ 75.2590, 73.2749,
99.7994

■ 65.5497, 59.5080,
97.6550

■ 86.2090, 89.1203,
102.2819

■ 57.0259, 47.7207,
95.8291

■ 94.0991, 99.6196,
103.8926

■ 49.6375, 37.8201,
94.3075

■ 43.3281, 29.7018,
93.0730

■ 38.0360, 23.2508,
92.1068

■ 33.6920, 18.3384,
91.3875

■ 30.2173, 14.8159,
90.8908

■ 27.5168, 12.5033,
90.5867

■ 26.0408, 11.4493,
90.4611

Harmonies

Analogous

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



71.1555, 73.2749, 106.1368



75.2590, 73.2749, 99.7994



77.9272, 73.2749, 88.2963

Triad

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



75.2590, 73.2749, 99.7994



72.5577, 73.2749, 59.0578



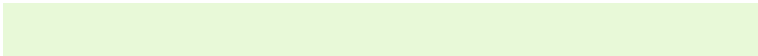
61.6327, 73.2749, 84.1548

Complementary

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



75.2590, 73.2749, 99.7994



79.5517, 89.8669, 78.1225

Split Complementary

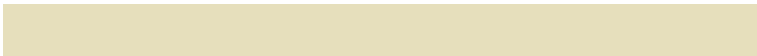
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.9725, 73.2749, 71.8370



75.2590, 73.2749, 99.7994



68.1572, 73.2749, 58.1997

Square

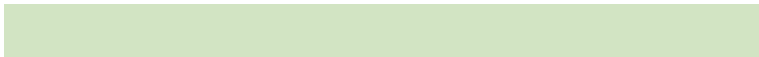
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2590, 73.2749, 99.7994



76.3226, 73.2749, 65.1237



64.3185, 73.2749, 62.6412



63.3698, 73.2749, 96.4940

Rectangle

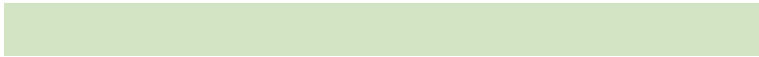
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2590, 73.2749, 99.7994



78.4690, 73.2749, 79.7041



64.3185, 73.2749, 62.6412



61.5097, 73.2749, 79.8638

Sweetspot

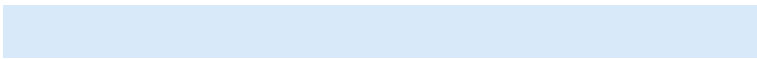
The Sweet Spot groups the original color and five complimentary colors.



75.2612, 73.2780, 99.8010



90.0857, 92.7379, 107.7599



74.4180, 79.4363, 101.0341



19.0874, 19.5661, 23.0206



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.



75.2612, 73.2780, 99.8010



76.4797, 73.1135, 104.6891



80.7237, 76.0940, 100.0566



17.1358, 17.0827, 21.7794



14.1040, 6.2136, 48.4295



1.4287, 0.6386, 4.4911

Inverse Universe

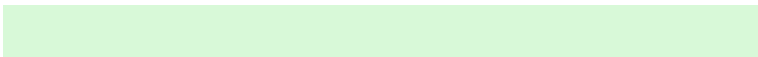
The Inverse Universe completely reimagines the original color for something new.



78.1908, 75.0809, 86.7184



80.1861, 75.3940, 88.1557



74.5919, 87.3101, 77.8904



17.5953, 17.3655, 19.7245



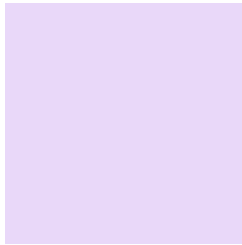
22.8218, 11.5445, 11.0361



2.1670, 1.0905, 1.3029

Previews

White Background



This preview shows how the XYZ color 75.2590, 73.2749, 99.7994 looks on a white background.

Color Contrast Check

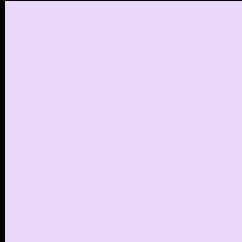
Large Text (above 18pt) WCAG AA × Fail

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 75.2590, 73.2749, 99.7994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

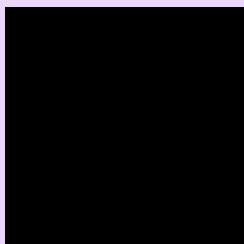
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2590, 73.2749, 99.7994

Background



This preview shows how black text looks on a background with the XYZ color 75.2590, 73.2749, 99.7994.

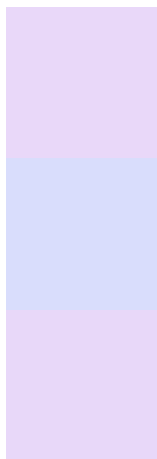


This preview shows how white text looks on a background with the XYZ color 75.2590, 73.2749,

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

75.2590, 73.2749, 99.7994

Protanopia

72.0424, 73.4929, 102.4840

Deuteranopia

74.9335, 73.1071, 99.7842



Tritanopia

73.0218, 73.1299, 88.8641

Trichromacy



Original Color

75.2590, 73.2749, 99.7994

Protanomaly

73.1755, 73.3160, 101.5614

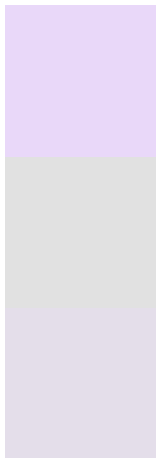
Deuteranomaly

74.9335, 73.1071, 99.7842

Tritanomaly

73.8197, 73.0728, 92.6518

Monochromacy



Original Color

75.2590, 73.2749, 99.7994

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.9675, 74.6770, 88.4102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2590, 73.2749, 99.7994 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(233, 216, 249)` looks like.

```
.text, #text, p{  
    color:rgb(233, 216, 249)  
}
```

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(233, 216, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 216, 249) }
```

Border

The CSS property to change the border of an element to XYZ 75.2590, 73.2749, 99.7994 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(233, 216, 249) }
```


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

```
.border{ border-color:rgb(233, 216, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 216, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 216, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 216, 249);  
box-shadow:4px 4px 4px 4px rgb(233, 216,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2590, 73.2749, 99.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 216, 249) }
```

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

```
.background{ background-color: rgb(233,  
216, 249) }
```

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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