

Converting Colors

XYZ(77.5121, 77.1399,
101.2478)

Have a look what the booklet for
XYZ(77.5121, 77.1399, 101.2478)
contains.

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Color

**XYZ(77.5747, 77.1699,
101.2491)**

Conversions

Conversions Part 1

Format	Color
Hex	EADFFA
RGB	234, 223, 250
RGB Percent	92%, 87%, 98%
CMY	0.0823, 0.1255, 0.0196
CMYK	0.06, 0.11, 0.00, 0.02
HSL	264°, 73%, 93%
HSV	264°, 11%, 98%
XYZ	77.5747, 77.1699, 101.2491
YIQ	229.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

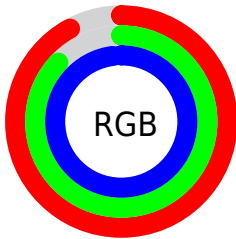
Format	Color
RYB	234, 223, 250
Decimal	15392762
CIELab	90.40, 8.65, -11.76
CIELCh	90, 14.600, 306.313
Yxy	77.1699, 0.3030, 0.3015
Android (android.graphics.Color)	4293582842 (0xFFEADFFFA)
YUV	229.3670, 10.1721, 4.0631
Hunter-Lab	87.8464, 3.8972, -6.8434

Details

The XYZ color **77.5747, 77.1699, 101.2491** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.1042, 92.0516, 83.2035**, and the grayscale version is **74.6769, 78.5659, 85.5582**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1003, 41.3653, 56.8043** is the 20% darker color. If you saturate the color by 10%, you get **66.7201, 62.3816, 98.9680**, and if you desaturate by 10%, it is **89.8269, 94.1468, 103.8814**.

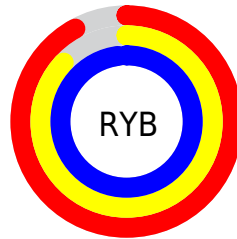
Distribution



Red (92%)

Green (87%)

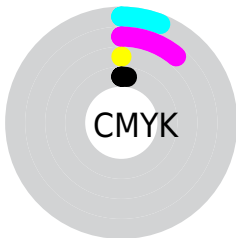
Blue (98%)



Red (92%)

Yellow (87%)

Blue (98%)

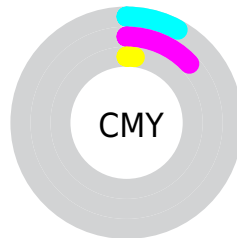


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (8%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5747, 77.1699, 101.2491 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 77.5747, 77.1699, 101.2491 by changing the saturation by 10% instead.

77.5747, 77.1699,
101.2491

77.5747, 77.1699,
101.2491

475.5832,
485.3431, 585.4709

58.0262, 57.3923,
76.7214

128.9190,
129.3793, 164.9395

42.0731, 41.3203,
56.5141

161.4455,
162.5799, 204.9393

29.3499, 28.5695,
40.2085

199.0287,
201.0236, 250.9336

19.4913, 18.7554,
27.3861

242.0340,
245.0949, 303.3409

12.1319, 11.4936,
17.6284

290.8268,
295.1781, 362.5797

6.9064, 6.3999,
10.5169

345.7723,

3.4494, 3.0897,

351.6576, 429.0686

5.6329

407.2360,
414.9178, 503.2262

■ 1.3957, 1.1788,
2.5580

■ 0.2531, 0.0443,
0.8707

■ 77.5747, 77.1699,
101.2491

■ 77.5747, 77.1699,
101.2491

■ 66.7201, 62.3816,
98.9680

■ 89.8269, 94.1468,
103.8814

■ 57.2032, 49.6809,
97.0181

■ 94.2555, 99.6822,
104.7164

■ 48.9699, 38.9732,
95.3852

■ 41.9591, 30.1528,
94.0522

■ 36.1048, 23.1038,
93.0002

■ 31.3337, 17.6970,
92.2080

■ 27.5627, 13.7850,
91.6517

■ 24.6943, 11.1920,
91.3024

■ 22.7166, 9.7175,
91.1220

Harmonies

Analogous

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



74.1207, 77.1699, 105.5837



77.5747, 77.1699, 101.2491



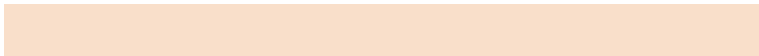
79.9513, 77.1699, 92.3447

Triad

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



77.5747, 77.1699, 101.2491



76.1979, 77.1699, 66.9598



66.6032, 77.1699, 86.2504

Complementary

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



77.5747, 77.1699, 101.2491



83.1042, 92.0516, 83.2035

Split Complementary

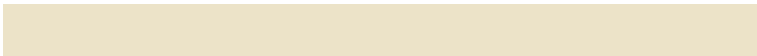
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.1181, 77.1699, 76.2205



77.5747, 77.1699, 101.2491



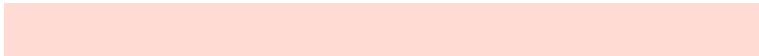
72.5801, 77.1699, 65.6207

Square

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



77.5747, 77.1699, 101.2491



79.1382, 77.1699, 72.6955



69.2771, 77.1699, 68.8741



67.8467, 77.1699, 96.4741

Rectangle

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



77.5747, 77.1699, 101.2491



80.5625, 77.1699, 85.3214



69.2771, 77.1699, 68.8741



66.5770, 77.1699, 82.7416

Sweetspot

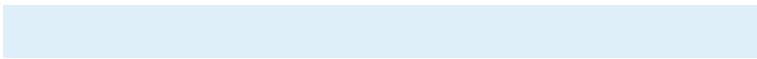
The Sweet Spot groups the original color and five complimentary colors.



77.5770, 77.1732, 101.2508



91.0095, 94.3660, 108.0255



78.6146, 84.4430, 102.5993



19.2536, 19.8836, 23.0731



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.



77.5770, 77.1732, 101.2508



78.5092, 77.1053, 105.3527



82.1089, 79.5095, 101.4629



16.9525, 16.9882, 21.7708



12.2025, 5.2333, 48.3405



1.2469, 0.5449, 4.4826

Inverse Universe

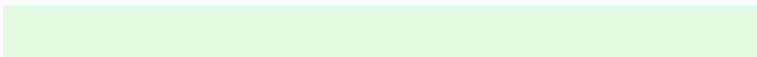
The Inverse Universe completely reimagines the original color for something new.



81.3946, 79.3347, 92.6881



83.2729, 79.8035, 94.6231



78.7776, 89.8212, 83.0010



17.6763, 17.3979, 20.1513



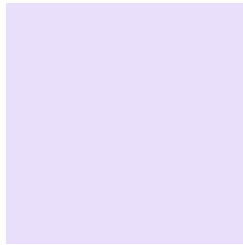
23.8273, 11.9466, 16.3309



2.2594, 1.1275, 1.7893

Previews

White Background



This preview shows how the XYZ color 77.5747, 77.1699, 101.2491 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 77.5747, 77.1699, 101.2491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

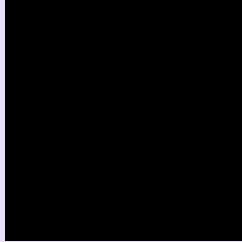
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5747, 77.1699, 101.2491

Background



This preview shows how black text looks on a background with the XYZ color 77.5747, 77.1699, 101.2491.

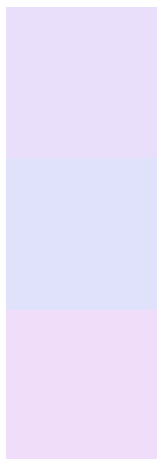


This preview shows how white text looks on a background with the XYZ color 77.5747, 77.1699,

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

77.5747, 77.1699, 101.2491

Protanopia

75.5075, 77.2683, 103.0301

Deuteranopia

78.7084, 76.9658, 101.1500



Tritanopia

76.2869, 77.0458, 94.8550

Trichromacy



Original Color

77.5747, 77.1699, 101.2491

Protanomaly

76.3327, 77.3094, 102.1658

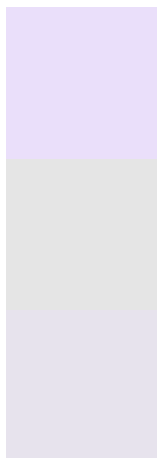
Deuteranomaly

78.3016, 77.1492, 101.2068

Tritanomaly

76.7414, 77.2275, 97.2479

Monochromacy



Original Color

77.5747, 77.1699, 101.2491

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.7101, 78.0415, 91.1939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5747, 77.1699, 101.2491 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, 223, 250)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 250)  
}
```

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, 223, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 250) }
```

Border

The CSS property to change the border of an element to XYZ 77.5747, 77.1699, 101.2491 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, 223, 250) }
```


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

```
.border{ border-color:rgb(234, 223, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 250);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5747, 77.1699, 101.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 250) }
```

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

```
.background{ background-color: rgb(234,  
223, 250) }
```

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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