

Converting Colors

XYZ(76.5841, 73.4444,
104.7475)

Have a look what the booklet for
XYZ(76.5841, 73.4444, 104.7475)
contains.

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Color

**XYZ(76.6114, 73.4830,
104.7535)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD7FF
RGB	235, 215, 255
RGB Percent	92%, 84%, 100%
CMY	0.0784, 0.1568, 0.0000
CMYK	0.08, 0.16, 0.00, 0.00
HSL	270°, 100%, 92%
HSV	270°, 16%, 100%
XYZ	76.6114, 73.4830, 104.7535
YIQ	225.5400, -0.9200, 16.6800

Conversions

Conversions Part 2

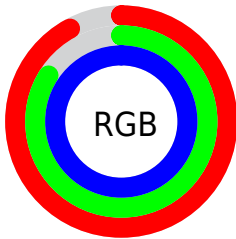
Format	Color
R _Y B	235, 215, 255
Decimal	15456255
CIE _{Lab}	88.68, 14.13, -16.96
CIE _{LCh}	89, 22.073, 309.793
Y _{xy}	73.4830, 0.3006, 0.2883
Android (android.graphics.Color)	4293646335 (0xFFEBD7FF)
YUV	225.5400, 14.5238, 8.2964
Hunter-Lab	85.7222, 9.5146, -12.4475

Details

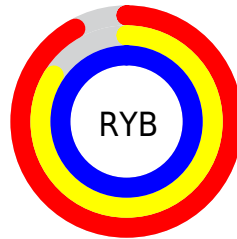
The XYZ color **76.6114, 73.4830, 104.7535** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2883, 94.0892, 78.1174**, and the grayscale version is **71.8576, 75.5998, 82.3281**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3543, 38.8025, 58.7361** is the 20% darker color. If you saturate the color by 10%, you get **66.5579, 59.4023, 102.5656**, and if you desaturate by 10%, it is **87.9827, 89.7492, 107.2939**.

Distribution



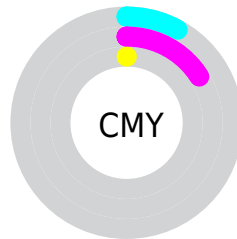
- Red (92%)
- Green (84%)
- Blue (100%)



- Red (92%)
- Yellow (84%)
- Blue (100%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6114, 73.4830, 104.7535 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 76.6114, 73.4830, 104.7535 by changing the saturation by 10% instead.

76.6114, 73.4830,
104.7535

76.6114, 73.4830,
104.7535

472.3503,
472.6871, 596.7040

57.2328, 54.3710,
79.6374

127.5665,
124.1627, 169.7830

41.4330, 38.8983,
58.8956

159.8738,
156.4991, 210.5335

28.8468, 26.6807,
42.1096

197.2213,
194.0125, 257.3325

19.1086, 17.3335,
28.8609

239.9745,
237.0872, 310.5985

11.8533, 10.4726,
18.7310

288.4986,
286.1076, 370.7501

6.7153, 5.7134,
11.3012

343.1590,

3.3295, 2.6716,

341.4581, 438.2059

6.1531

404.3212,
403.5232, 513.3844

■ 1.3303, 0.9628,
2.8681

■ 0.2057, 0.0000,
1.0277

■ 76.6114, 73.4830,
104.7535

■ 76.6114, 73.4830,
104.7535

■ 66.5579, 59.4023,
102.5656

■ 87.9827, 89.7492,
107.2939

■ 57.7631, 47.4014,
100.7127

95.0500, 100.0000,
108.9000

■ 50.1721, 37.3790,
99.1783

■ 43.7232, 29.2219,
97.9437

■ 38.3486, 22.8046,
96.9883

■ 33.9722, 17.9858,
96.2888

■ 30.5060, 14.6007,
95.8181

■ 27.8426, 12.4460,
95.5426

■ 26.8767, 11.7703,
95.4631

Harmonies

Analogous

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



71.6014, 73.4830, 112.5663



76.6114, 73.4830, 104.7535



79.9114, 73.4830, 90.5854

Triad

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



76.6114, 73.4830, 104.7535



73.4443, 73.4830, 55.5017



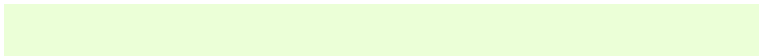
60.2213, 73.4830, 85.1081

Complementary

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



76.6114, 73.4830, 104.7535



82.2883, 94.0892, 78.1174

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.



60.6586, 73.4830, 70.2924



76.6114, 73.4830, 104.7535



68.1144, 73.4830, 54.4279

Square

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



76.6114, 73.4830, 104.7535



78.0194, 73.4830, 62.6542



63.4862, 73.4830, 59.5070



62.2595, 73.4830, 100.3082

Rectangle

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



76.6114, 73.4830, 104.7535



80.6035, 73.4830, 80.1168



63.4862, 73.4830, 59.5070



60.0862, 73.4830, 79.9042

Sweetspot

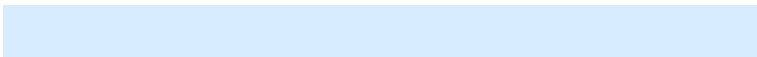
The Sweet Spot groups the original color and five complimentary colors.



76.6134, 73.4860, 104.7540



88.8099, 90.9441, 107.4809



75.9761, 81.4684, 106.3283



18.8272, 19.2032, 22.9642



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.



76.6134, 73.4860, 104.7540



73.1362, 68.5793, 103.9902



83.3469, 76.9573, 105.0691



17.8684, 17.8239, 22.7485



14.2158, 6.2390, 49.8896



1.5101, 0.6724, 4.8635

Inverse Universe

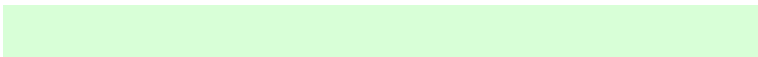
The Inverse Universe completely reimagines the original color for something new.



80.5376, 75.8618, 88.9975



77.8361, 71.4247, 85.1191



76.2484, 90.9755, 77.8347



18.3882, 18.1386, 20.6614



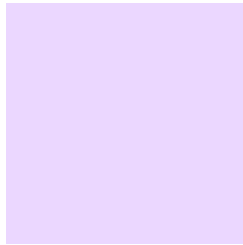
23.6430, 11.9465, 12.0362



2.3572, 1.1852, 1.4622

Previews

White Background



This preview shows how the XYZ color 76.6114, 73.4830, 104.7535 looks on a white background.

Color Contrast Check

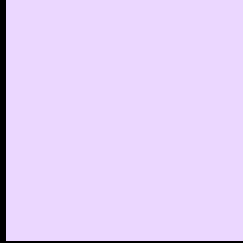
Large Text (above 18pt) WCAG AA × Fail

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 76.6114, 73.4830, 104.7535 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 76.6114, 73.4830, 104.7535

Background



This preview shows how black text looks on a background with the XYZ color 76.6114, 73.4830, 104.7535.

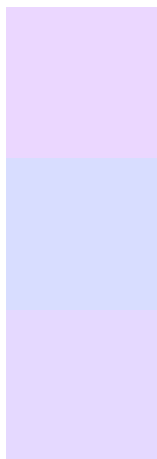


This preview shows how white text looks on a background with the XYZ color 76.6114, 73.4830,

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

76.6114, 73.4830, 104.7535

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

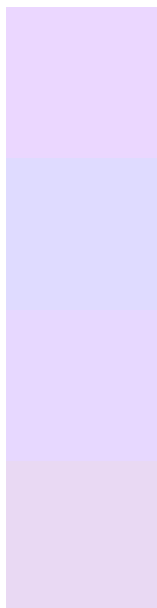
75.1760, 73.5037, 104.8332



Tritanopia

73.4904, 73.3547, 89.6424

Trichromacy



Original Color

76.6114, 73.4830, 104.7535

Protanomaly

73.8129, 73.5710, 104.9180

Deuteranomaly

75.5609, 73.3207, 104.7776

Tritanomaly

74.5948, 73.4204, 95.0340

Monochromacy



Original Color

76.6114, 73.4830, 104.7535

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.7204, 75.0150, 90.7146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6114, 73.4830, 104.7535 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(235, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 215, 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(235, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.6114, 73.4830, 104.7535 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(235, 215, 255) }
```


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

```
.border{ border-color:rgb(235, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6114, 73.4830, 104.7535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 215, 255) }
```

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

```
.background{ background-color: rgb(235,  
215, 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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