

Converting Colors

XYZ(76.0058, 73.9354,
104.8728)

Have a look what the booklet for
XYZ(76.0058, 73.9354, 104.8728)
contains.

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Color

**XYZ(76.1416, 74.0015,
104.8784)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D9FF
RGB	232, 217, 255
RGB Percent	91%, 85%, 100%
CMY	0.0902, 0.1490, 0.0000
CMYK	0.09, 0.15, 0.00, 0.00
HSL	264°, 100%, 93%
HSV	264°, 15%, 100%
XYZ	76.1416, 74.0015, 104.8784
YIQ	225.8170, -3.2580, 14.9980

Conversions

Conversions Part 2

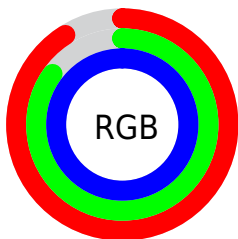
Format	Color
R _Y B	232, 217, 255
Decimal	15260159
CIE Lab	88.92, 12.12, -16.62
CIE LCh	89, 20.563, 306.098
Yxy	74.0015, 0.2986, 0.2902
Android (android.graphics.Color)	4293450239 (0xFFE8D9FF)
YUV	225.8170, 14.3872, 5.4225
Hunter-Lab	86.0241, 7.4516, -12.0680

Details

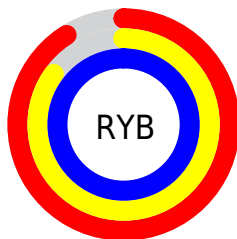
The XYZ color **76.1416, 74.0015, 104.8784** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2212, 95.0558, 79.5578**, and the grayscale version is **72.0594, 75.8121, 82.5594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0179, 39.1480, 58.8205** is the 20% darker color. If you saturate the color by 10%, you get **65.2780, 59.3878, 102.6302**, and if you desaturate by 10%, it is **88.4648, 90.8791, 107.4866**.

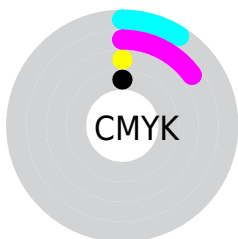
Distribution



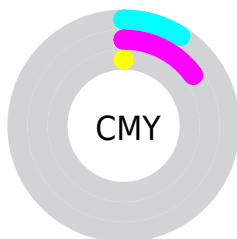
- Red (91%)
- Green (85%)
- Blue (100%)



- Red (91%)
- Yellow (85%)
- Blue (100%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1416, 74.0015, 104.8784 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 76.1416, 74.0015, 104.8784 by changing the saturation by 10% instead.

76.1416, 74.0015,
104.8784

76.1416, 74.0015,
104.8784

470.7692,
474.4785, 597.1023

56.8461, 54.7953,
79.7414

126.9063,
124.8979, 169.9553

41.1213, 39.2378,
58.9807

159.1063,
157.3569, 210.7324

28.6020, 26.9448,
42.1776

196.3384,
195.0023, 257.5598

18.9227, 17.5318,
28.9138

238.9681,
238.2184, 310.8562

11.7181, 10.6143,
18.7706

287.3606,
287.3897, 371.0402

6.6229, 5.8082,
11.3295

341.8814,

3.2716, 2.7288,

342.9006, 438.5301

6.1720

402.8958,
405.1354, 513.7447

■ 1.2990, 0.9918,
2.8795

■ 0.1824, 0.0000,
1.0334

■ 76.1416, 74.0015,
104.8784

■ 76.1416, 74.0015,
104.8784

■ 65.2780, 59.3878,
102.6302

■ 88.4648, 90.8791,
107.4866

■ 55.8102, 46.9302,
100.7247

95.0500, 100.0000,
108.9000

■ 47.6784, 36.5254,
99.1449

■ 40.8158, 28.0580,
97.8723

■ 35.1492, 21.4007,
96.8859

■ 30.5970, 16.4103,
96.1626

■ 27.0656, 12.9208,
95.6752

■ 24.4423, 10.7291,
95.3904

■ 23.3780, 9.9667,
95.2993

Harmonies

Analogous

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



71.3603, 74.0015, 111.1011



76.1416, 74.0015, 104.8784



79.4773, 74.0015, 92.2286

Triad

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



76.1416, 74.0015, 104.8784



74.2956, 74.0015, 57.9745



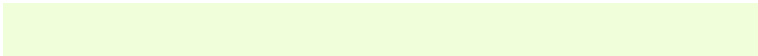
61.2211, 74.0015, 83.5294

Complementary

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



76.1416, 74.0015, 104.8784



84.2212, 95.0558, 79.5578

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.



61.9244, 74.0015, 69.9470



76.1416, 74.0015, 104.8784



69.3219, 74.0015, 56.2252

Square

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



76.1416, 74.0015, 104.8784



78.3767, 74.0015, 65.4464



64.8337, 74.0015, 60.3500



62.8653, 74.0015, 97.8721

Rectangle

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



76.1416, 74.0015, 104.8784



80.3490, 74.0015, 82.4593



64.8337, 74.0015, 60.3500



61.1919, 74.0015, 78.7197

Sweetspot

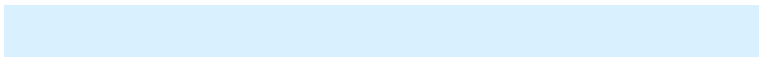
The Sweet Spot groups the original color and five complimentary colors.



76.1436, 74.0045, 104.8788



89.6469, 92.5117, 107.7394



77.9552, 84.5493, 106.8187



18.9764, 19.5089, 23.0154



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.



76.1436, 74.0045, 104.8788



72.6222, 69.2363, 104.1441



82.4921, 77.2773, 105.1759



17.6813, 17.7274, 22.7398



12.3716, 5.2883, 49.8033



1.3232, 0.5761, 4.8547

Inverse Universe

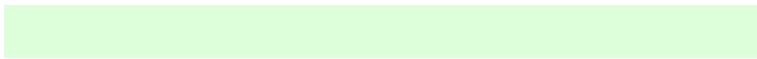
The Inverse Universe completely reimagines the original color for something new.



81.7828, 77.1798, 93.0271



79.3339, 73.0176, 89.9433



78.2373, 91.9710, 79.2778



18.4712, 18.1718, 21.0985



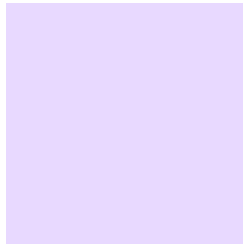
24.6873, 12.3642, 17.5355



2.4575, 1.2254, 1.9908

Previews

White Background



This preview shows how the XYZ color 76.1416, 74.0015, 104.8784 looks on a white background.

Color Contrast Check

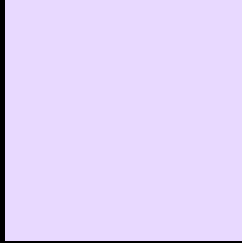
Large Text (above 18pt) WCAG AA × Fail

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 76.1416, 74.0015, 104.8784 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 76.1416, 74.0015, 104.8784

Background



This preview shows how black text looks on a background with the XYZ color 76.1416, 74.0015, 104.8784.



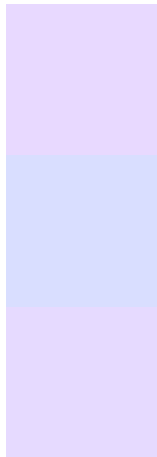
This preview shows how white text looks on a background with the XYZ color 76.1416, 74.0015,

104.8784.

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

76.1416, 74.0015, 104.8784

Protanopia

72.7865, 74.2143, 105.0963

Deuteranopia

75.7545, 74.1858, 104.9343



Tritanopia

73.1924, 73.9588, 90.5386

Trichromacy



Original Color

76.1416, 74.0015, 104.8784

Protanomaly

73.7674, 73.9360, 104.9909

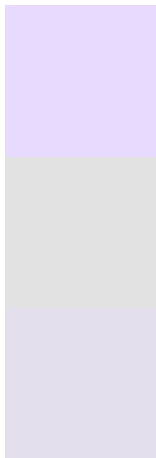
Deuteranomaly

76.0764, 74.3517, 104.9494

Tritanomaly

74.2938, 74.0177, 95.9591

Monochromacy



Original Color

76.1416, 74.0015, 104.8784

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.6686, 75.3838, 90.7885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1416, 74.0015, 104.8784 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(232, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 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(232, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.1416, 74.0015, 104.8784 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(232, 217, 255) }
```


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

```
.border{ border-color:rgb(232, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1416, 74.0015, 104.8784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 255) }
```

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

```
.background{ background-color: rgb(232,  
217, 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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