

Converting Colors

XYZ(79.3470, 76.3725,
105.1671)

Have a look what the booklet for
XYZ(79.3470, 76.3725, 105.1671)
contains.

XYZ(79.3167, 76.4083, 105.1756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.3167, 76.4083,
105.1756)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DBFF
RGB	240, 219, 255
RGB Percent	94%, 86%, 100%
CMY	0.0588, 0.1412, 0.0000
CMYK	0.06, 0.14, 0.00, 0.00
HSL	275°, 100%, 93%
HSV	275°, 14%, 100%
XYZ	79.3167, 76.4083, 105.1756
YIQ	229.3830, 0.9600, 15.6480

Conversions

Conversions Part 2

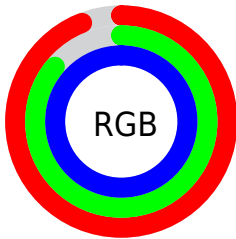
Format	Color
R _Y B	240, 219, 255
Decimal	15784959
CIE Lab	90.05, 13.63, -14.86
CIE LCh	90, 20.166, 312.528
Yxy	76.4083, 0.3040, 0.2929
Android (android.graphics.Color)	4293975039 (0xFFFF0DBFF)
YUV	229.3830, 12.6292, 9.3111
Hunter-Lab	87.4118, 8.9985, -10.1506

Details

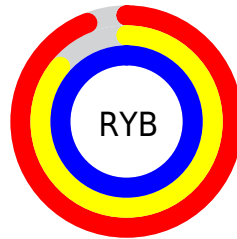
The XYZ color **79.3167, 76.4083, 105.1756** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.4797, 94.1278, 80.8429**, and the grayscale version is **74.6694, 78.5580, 85.5497**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2357, 40.8185, 59.0261** is the 20% darker color. If you saturate the color by 10%, you get **69.6653, 62.3038, 102.9618**, and if you desaturate by 10%, it is **90.2024, 92.6660, 107.7399**.

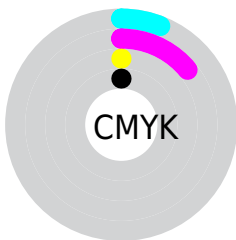
Distribution



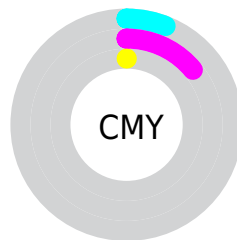
- Red (94%)
- Green (86%)
- Blue (100%)



- Red (94%)
- Yellow (86%)
- Blue (100%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3167, 76.4083, 105.1756 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 79.3167, 76.4083, 105.1756 by changing the saturation by 10% instead.

79.3167, 76.4083,
105.1756

79.3167, 76.4083,
105.1756

481.3988,
482.7442, 598.0495

59.4628, 56.7674,
79.9890

131.3602,
128.3039, 170.3653

43.2336, 40.8185,
59.1832

164.2805,
161.3274, 211.2055

30.2637, 28.1773,
42.3396

202.2869,
199.5805, 258.1007

20.1879, 18.4593,
29.0398

245.7448,
243.4476, 311.4693

12.6408, 11.2803,
18.8651

295.0196,
293.3131, 371.7300

7.2569, 6.2557,
11.3970

350.4766,

3.6711, 3.0012,

349.5615, 439.3012

6.2170

412.4812,
412.5771, 514.6016

■ 1.5178, 1.1323,
2.9066

■ 0.3379, 0.0054,
1.0471

■ 79.3167, 76.4083,
105.1756

■ 79.3167, 76.4083,
105.1756

■ 69.6653, 62.3038,
102.9618

■ 90.2024, 92.6660,
107.7399

■ 61.1923, 50.2488,
101.0815

95.0500, 100.0000,
108.9000

■ 53.8463, 40.1450,
99.5185

■ 47.5693, 31.8819,
98.2544

■ 42.2976, 25.3380,
97.2691

■ 37.9597, 20.3764,
96.5401

■ 34.4734, 16.8384,
96.0409

■ 31.7385, 14.5304,
95.7396

■ 30.3984, 13.5859,
95.6279

Harmonies

Analogous

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



74.7289, 76.4083, 113.0651



79.3167, 76.4083, 105.1756



82.1835, 76.4083, 91.7371

Triad

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



79.3167, 76.4083, 105.1756



75.5480, 76.4083, 59.6034



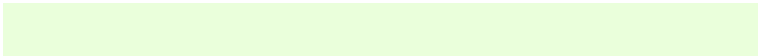
63.6391, 76.4083, 89.3111

Complementary

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



79.3167, 76.4083, 105.1756



82.4797, 94.1278, 80.8429

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.



63.8357, 76.4083, 75.2015



79.3167, 76.4083, 105.1756



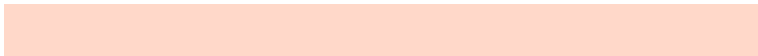
70.5586, 76.4083, 59.1128

Square

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



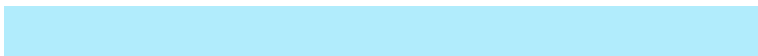
79.3167, 76.4083, 105.1756



79.9400, 76.4083, 65.9409



66.3184, 76.4083, 64.5135



65.7682, 76.4083, 103.2249

Rectangle

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



79.3167, 76.4083, 105.1756



82.6558, 76.4083, 81.9872



66.3184, 76.4083, 64.5135



63.4383, 76.4083, 84.4159

Sweetspot

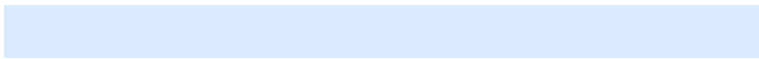
The Sweet Spot groups the original color and five complimentary colors.



79.3188, 76.4115, 105.1761



90.3356, 92.8667, 107.7716



76.8599, 81.4705, 106.2822



19.1507, 19.5987, 23.0235



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.



79.3188, 76.4115, 105.1761



76.4101, 72.1259, 104.5022



84.2389, 78.9923, 103.4022



18.0183, 17.9012, 22.7556



16.0579, 7.1886, 49.9758



1.6880, 0.7641, 4.8718

Inverse Universe

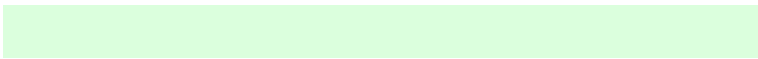
The Inverse Universe completely reimagines the original color for something new.



81.4247, 77.8666, 88.5827



78.9387, 73.8692, 84.7494



78.0802, 91.8230, 82.2982



18.3233, 18.1126, 20.3196



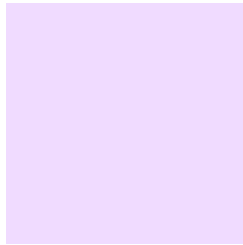
22.9853, 11.6834, 8.5730



2.2909, 1.1587, 1.1135

Previews

White Background



This preview shows how the XYZ color 79.3167, 76.4083, 105.1756 looks on a white background.

Color Contrast Check

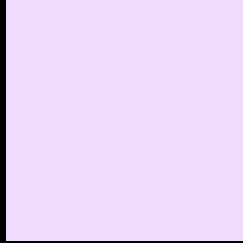
Large Text (above 18pt) WCAG AA × Fail

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 79.3167, 76.4083, 105.1756 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 79.3167, 76.4083, 105.1756

Background



This preview shows how black text looks on a background with the XYZ color 79.3167, 76.4083, 105.1756.

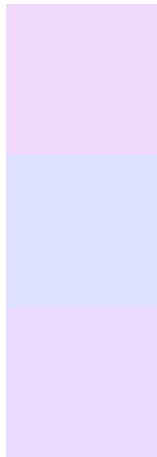


This preview shows how white text looks on a background with the XYZ color 79.3167, 76.4083,

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

79.3167, 76.4083, 105.1756

Protanopia

75.0994, 76.6000, 105.4349

Deuteranopia

78.1674, 76.5951, 105.2722



Tritanopia

76.9612, 76.6517, 92.4003

Trichromacy



Original Color

79.3167, 76.4083, 105.1756

Protanomaly

76.7508, 76.6534, 105.3581

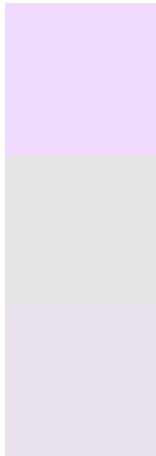
Deuteranomaly

78.5683, 76.4109, 105.2155

Tritanomaly

77.9345, 76.6562, 97.0747

Monochromacy



Original Color

79.3167, 76.4083, 105.1756

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.9621, 77.3471, 91.8148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3167, 76.4083, 105.1756 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(240, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 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(240, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.3167, 76.4083, 105.1756 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(240, 219, 255) }
```


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

```
.border{ border-color:rgb(240, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3167, 76.4083, 105.1756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 255) }
```

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

```
.background{ background-color: rgb(240,  
219, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor