

Converting Colors

XYZ(91.4571, 81.7369,
167.6258)

Have a look what the booklet for
XYZ(91.4571, 81.7369, 167.6258)
contains.

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Color

**XYZ(79.5784, 76.9317,
105.2628)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DCFF
RGB	240, 220, 255
RGB Percent	94%, 86%, 100%
CMY	0.0588, 0.1372, 0.0000
CMYK	0.06, 0.14, 0.00, 0.00
HSL	274°, 100%, 93%
HSV	274°, 14%, 100%
XYZ	79.5784, 76.9317, 105.2628
YIQ	229.9700, 0.6850, 15.1250

Conversions

Conversions Part 2

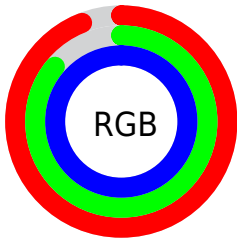
Format	Color
R _Y B	240, 220, 255
Decimal	15785215
CIE Lab	90.29, 13.11, -14.50
CIE LCh	90, 19.546, 312.113
Yxy	76.9317, 0.3040, 0.2939
Android (android.graphics.Color)	4293975295 (0xFFFF0DCFF)
YUV	229.9700, 12.3398, 8.7963
Hunter-Lab	87.7107, 8.4562, -9.7572

Details

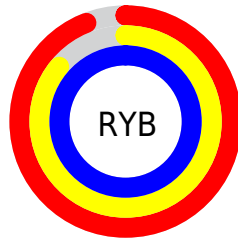
The XYZ color **79.5784, 76.9317, 105.2628** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.9411, 94.3504, 81.5539**, and the grayscale version is **75.1048, 79.0161, 86.0485**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4153, 41.1778, 59.0860** is the 20% darker color. If you saturate the color by 10%, you get **69.7909, 62.6990, 103.0315**, and if you desaturate by 10%, it is **90.6143, 93.3275, 107.8459**.

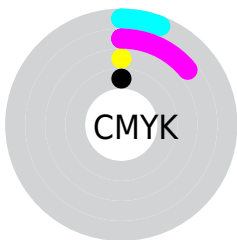
Distribution



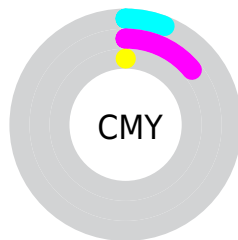
- Red (94%)
- Green (86%)
- Blue (100%)



- 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 79.5784, 76.9317, 105.2628 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 79.5784, 76.9317, 105.2628 by changing the saturation by 10% instead.

79.5784, 76.9317,
105.2628

79.5784, 76.9317,
105.2628

482.2691,
484.5311, 598.3273

59.6788, 57.1968,
80.0617

131.7265,
129.0431, 170.4856

43.4082, 41.1633,
59.2426

164.7056,
162.1883, 211.3443

30.4015, 28.4467,
42.3872

202.7753,
200.5725, 258.2593

20.2931, 18.6627,
29.0767

246.3008,
244.5800, 311.6491

12.7178, 11.4268,
18.8928

295.6476,
294.5953, 371.9323

7.3101, 6.3547,
11.4168

351.1810,

3.7049, 3.0619,

351.0026, 439.5273

6.2302

413.2664,
414.1864, 514.8528

■ 1.5366, 1.1641,
2.9145

■ 0.3505, 0.0321,
1.0512

■ 79.5784, 76.9317,
105.2628

■ 79.5784, 76.9317,
105.2628

■ 69.7909, 62.6990,
103.0315

■ 90.6143, 93.3275,
107.8459

■ 61.1956, 50.5256,
101.1348

95.0500, 100.0000,
108.9000

■ 53.7409, 40.3135,
99.5566

■ 47.3686, 31.9524,
98.2786

■ 42.0151, 25.3210,
97.2807

■ 37.6087, 20.2830,
96.5405

■ 34.0674, 16.6805,
96.0318

■ 31.2914, 14.3214,
95.7228

■ 29.8528, 13.3046,
95.6024

Harmonies

Analogous

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



75.1027, 76.9317, 112.7990



79.5784, 76.9317, 105.2628



82.3940, 76.9317, 92.2702

Triad

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



79.5784, 76.9317, 105.2628



76.0335, 76.9317, 60.7600



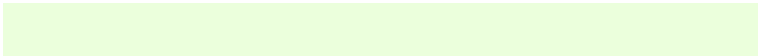
64.3474, 76.9317, 89.5166

Complementary

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



79.5784, 76.9317, 105.2628



82.9411, 94.3504, 81.5539

Split Complementary

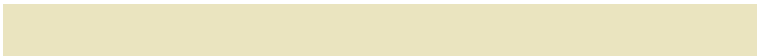
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.5717, 76.9317, 75.8002



79.5784, 76.9317, 105.2628



71.1750, 76.9317, 60.1976

Square

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



79.5784, 76.9317, 105.2628



80.2858, 76.9317, 67.0468



67.0232, 76.9317, 65.4145



66.3962, 76.9317, 103.0553

Rectangle

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



79.5784, 76.9317, 105.2628



82.8779, 76.9317, 82.7812



67.0232, 76.9317, 65.4145



64.1621, 76.9317, 84.7577

Sweetspot

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



79.5805, 76.9349, 105.2633



90.2919, 92.8442, 107.7696



77.3238, 81.9504, 106.3504



19.1396, 19.5930, 23.0230



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.



79.5805, 76.9349, 105.2633



77.2441, 73.5075, 104.7249



84.5112, 79.5199, 103.5453



17.9968, 17.8901, 22.7545



15.7731, 7.0418, 49.9625



1.6609, 0.7501, 4.8705

Inverse Universe

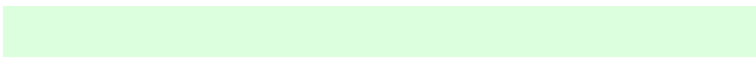
The Inverse Universe completely reimagines the original color for something new.



81.8305, 78.4476, 89.4289



79.8582, 75.2628, 86.4286



78.5071, 92.0286, 82.9708



18.3325, 18.1163, 20.3682



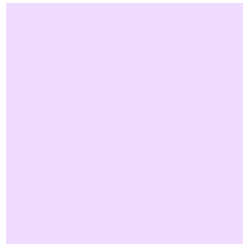
23.0705, 11.7175, 9.0217



2.2997, 1.1623, 1.1597

Previews

White Background



This preview shows how the XYZ color 79.5784, 76.9317, 105.2628 looks on a white background.

Color Contrast Check

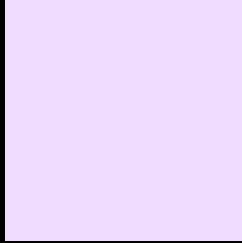
Large Text (above 18pt) WCAG AA × Fail

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 79.5784, 76.9317, 105.2628 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

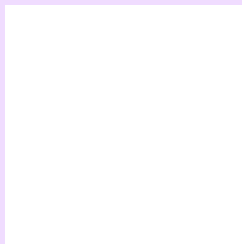
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5784, 76.9317, 105.2628

Background



This preview shows how black text looks on a background with the XYZ color 79.5784, 76.9317, 105.2628.

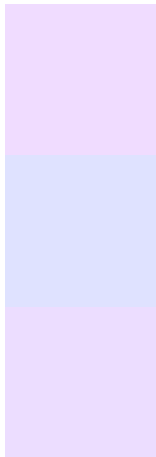


This preview shows how white text looks on a background with the XYZ color 79.5784, 76.9317,

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

79.5784, 76.9317, 105.2628

Protanopia

75.6778, 77.3007, 105.5396

Deuteranopia

78.4985, 76.7658, 105.2877



Tritanopia

77.3757, 77.2438, 93.2695

Trichromacy



Original Color

79.5784, 76.9317, 105.2628

Protanomaly

77.0188, 77.1893, 105.4474

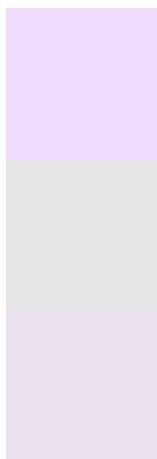
Deuteranomaly

78.8315, 76.9374, 105.3033

Tritanomaly

78.1993, 77.1858, 97.1630

Monochromacy



Original Color

79.5784, 76.9317, 105.2628

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.7080, 78.1171, 92.6965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5784, 76.9317, 105.2628 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, 220, 255) looks like.

```
.text, #text, p{  
    color:rgb(240, 220, 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, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.5784, 76.9317, 105.2628 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, 220, 255) }
```


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

```
.border{ border-color:rgb(240, 220, 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, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5784, 76.9317, 105.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 220, 255) }
```

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

```
.background{ background-color: rgb(240,  
220, 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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