

Converting Colors

XYZ(79.9644, 77.1705,
105.7377)

Have a look what the booklet for
XYZ(79.9644, 77.1705, 105.7377)
contains.

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Color

**XYZ(79.9188, 77.1072,
105.2787)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DCFF
RGB	241, 220, 255
RGB Percent	95%, 86%, 100%
CMY	0.0549, 0.1372, 0.0000
CMYK	0.05, 0.14, 0.00, 0.00
HSL	276°, 100%, 93%
HSV	276°, 14%, 100%
XYZ	79.9188, 77.1072, 105.2787
YIQ	230.2690, 1.2810, 15.3370

Conversions

Conversions Part 2

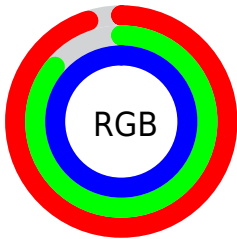
Format	Color
R _Y B	241, 220, 255
Decimal	15850751
CIE Lab	90.37, 13.43, -14.37
CIE LCh	90, 19.669, 313.063
Yxy	77.1072, 0.3047, 0.2940
Android (android.graphics.Color)	4294040831 (0xFFFF1DCFF)
YUV	230.2690, 12.1924, 9.4111
Hunter-Lab	87.8107, 8.7887, -9.6169

Details

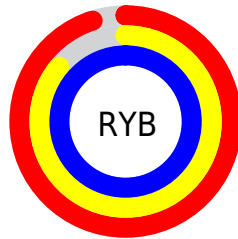
The XYZ color **79.9188, 77.1072, 105.2787** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.6119, 94.1807, 81.5386**, and the grayscale version is **75.3267, 79.2496, 86.3028**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6558, 41.3018, 59.0972** is the 20% darker color. If you saturate the color by 10%, you get **70.3454, 62.9849, 103.0574**, and if you desaturate by 10%, it is **90.7121, 93.3779, 107.8504**.

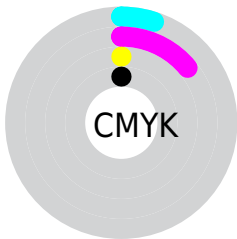
Distribution



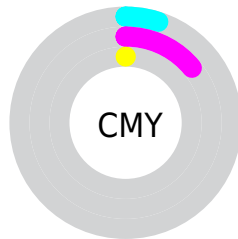
- Red (95%)
- Green (86%)
- Blue (100%)



- Red (95%)
- Yellow (86%)
- Blue (100%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9188, 77.1072, 105.2787 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 79.9188, 77.1072, 105.2787 by changing the saturation by 10% instead.

79.9188, 77.1072,
105.2787

79.9188, 77.1072,
105.2787

483.3998,
485.1295, 598.3780

59.9598, 57.3409,
80.0749

132.2027,
129.2908, 170.5075

43.6355, 41.2790,
59.2535

165.2583,
162.4768, 211.3696

30.5808, 28.5371,
42.3958

203.4101,
200.9049, 258.2882

20.4301, 18.7309,
29.0835

247.0234,
244.9594, 311.6819

12.8181, 11.4760,
18.8979

296.4637,
295.0247, 371.9692

7.3796, 6.3880,
11.4204

352.0963,

3.7490, 3.0824,

351.4852, 439.5686

6.2327

414.2866,
414.7253, 514.8987

■ 1.5611, 1.1749,
2.9160

■ 0.3669, 0.0411,
1.0519

■ 79.9188, 77.1072,
105.2787

■ 79.9188, 77.1072,
105.2787

■ 70.3454, 62.9849,
103.0574

■ 90.7121, 93.3779,
107.8504

■ 61.9365, 50.9076,
101.1695

95.0500, 100.0000,
108.9000

■ 54.6411, 40.7776,
99.5987

■ 48.4021, 32.4852,
98.3269

■ 43.1563, 25.9094,
97.3342

■ 38.8333, 20.9143,
96.5979

■ 35.3517, 17.3426,
96.0919

■ 32.6128, 15.0026,
95.7846

■ 31.1863, 13.9920,
95.6648

Harmonies

Analogous

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



75.4407, 77.1072, 113.1148



79.9188, 77.1072, 105.2787



82.6863, 77.1072, 92.0742

Triad

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



79.9188, 77.1072, 105.2787



76.0702, 77.1072, 60.6762



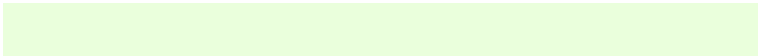
64.4788, 77.1072, 90.2114

Complementary

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



79.9188, 77.1072, 105.2787



82.6119, 94.1807, 81.5386

Split Complementary

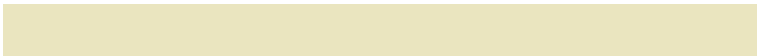
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.6304, 77.1072, 76.3308



79.9188, 77.1072, 105.2787



71.1768, 77.1072, 60.2965

Square

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



79.9188, 77.1072, 105.2787



80.3973, 77.1072, 66.8300



67.0347, 77.1072, 65.7273



66.6108, 77.1072, 103.7846

Rectangle

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



79.9188, 77.1072, 105.2787



83.1158, 77.1072, 82.5213



67.0347, 77.1072, 65.7273



64.2673, 77.1072, 85.4085

Sweetspot

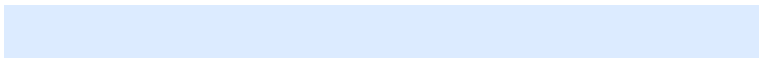
The Sweet Spot groups the original color and five complimentary colors.



79.9209, 77.1104, 105.2793



90.3967, 92.8982, 107.7745



77.1570, 81.6167, 106.2947



19.1662, 19.6067, 23.0243



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.



79.9209, 77.1104, 105.2793



77.6357, 73.7094, 104.7432



84.4186, 79.4829, 103.0575



18.0485, 17.9167, 22.7570



16.4686, 7.4004, 49.9950



1.7269, 0.7841, 4.8736

Inverse Universe

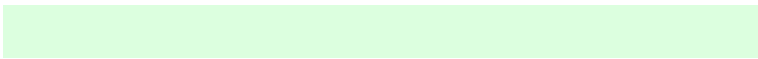
The Inverse Universe completely reimagines the original color for something new.



81.6865, 78.3900, 88.6702



79.6934, 75.1969, 85.5609



78.5856, 92.0600, 83.3842



18.3104, 18.1075, 20.2517



22.8708, 11.6376, 7.9703



2.2791, 1.1540, 1.0509

Previews

White Background



This preview shows how the XYZ color 79.9188, 77.1072, 105.2787 looks on a white background.

Color Contrast Check

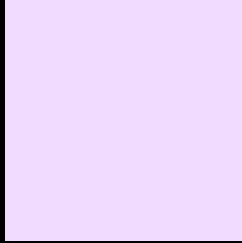
Large Text (above 18pt) WCAG AA × Fail

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 79.9188, 77.1072, 105.2787 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 79.9188, 77.1072, 105.2787

Background



This preview shows how black text looks on a background with the XYZ color 79.9188, 77.1072, 105.2787.

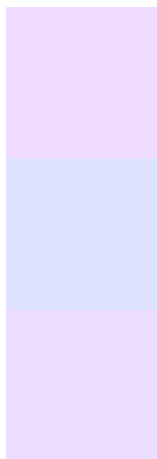


This preview shows how white text looks on a background with the XYZ color 79.9188, 77.1072,

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

79.9188, 77.1072, 105.2787

Protanopia

75.6778, 77.3007, 105.5396

Deuteranopia

78.8315, 76.9374, 105.3033



Tritanopia

77.7125, 77.4173, 93.2852

Trichromacy



Original Color

79.9188, 77.1072, 105.2787

Protanomaly

77.3388, 77.3543, 105.4624

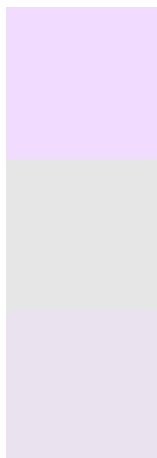
Deuteranomaly

79.1663, 77.1100, 105.3190

Tritanomaly

78.5379, 77.3604, 97.1789

Monochromacy



Original Color

79.9188, 77.1072, 105.2787

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 79.9188, 77.1072, 105.2787 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(241, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.9188, 77.1072, 105.2787 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(241, 220, 255) }
```


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

```
.border{ border-color:rgb(241, 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(241, 220, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9188, 77.1072, 105.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 220, 255) }
```

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

```
.background{ background-color: rgb(241,  
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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