

Converting Colors

XYZ(96.6711, 80.7555,
196.8792)

Have a look what the booklet for
XYZ(96.6711, 80.7555, 196.8792)
contains.

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Color

**XYZ(79.2497, 73.7194,
104.6601)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D4FF
RGB	245, 212, 255
RGB Percent	96%, 83%, 100%
CMY	0.0392, 0.1686, 0.0000
CMYK	0.04, 0.17, 0.00, 0.00
HSL	286°, 100%, 92%
HSV	286°, 17%, 100%
XYZ	79.2497, 73.7194, 104.6601
YIQ	226.7690, 5.8650, 20.3690

Conversions

Conversions Part 2

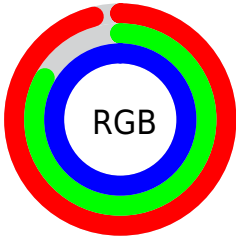
Format	Color
R _Y B	245, 212, 255
Decimal	16110847
CIE Lab	88.79, 18.93, -16.71
CIE LCh	89, 25.245, 318.560
Yxy	73.7194, 0.3076, 0.2861
Android (android.graphics.Color)	4294300927 (0xFFFF5D4FF)
YUV	226.7690, 13.9179, 15.9886
Hunter-Lab	85.8600, 14.5024, -12.1703

Details

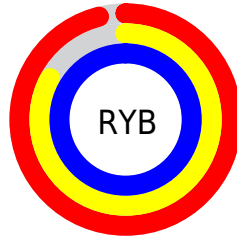
The XYZ color **79.2497, 73.7194, 104.6601** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.7695, 91.8039, 75.9119**, and the grayscale version is **72.7468, 76.5353, 83.3469**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2363, 39.0100, 58.6770** is the 20% darker color. If you saturate the color by 10%, you get **71.3366, 60.9144, 102.6056**, and if you desaturate by 10%, it is **88.2398, 88.5780, 107.0543**.

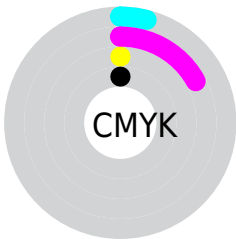
Distribution



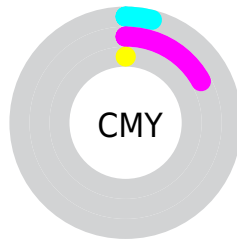
- Red (96%)
- Green (83%)
- Blue (100%)



- Red (96%)
- Yellow (83%)
- Blue (100%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2497, 73.7194, 104.6601 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 79.2497, 73.7194, 104.6601 by changing the saturation by 10% instead.

79.2497, 73.7194,
104.6601

79.2497, 73.7194,
104.6601

481.1758,
473.5044, 596.4061

59.4075, 54.5644,
79.5596

131.2664,
124.4980, 169.6541

43.1888, 39.0531,
58.8320

164.1716,
156.8903, 210.3847

30.2285, 26.8010,
42.0587

202.1618,
194.4639, 257.1624

20.1610, 17.4238,
28.8214

245.6024,
237.6031, 310.4057

12.6211, 10.5371,
18.7013

294.8588,
286.6924, 370.5332

7.2433, 5.7565,
11.2800

350.2962,

3.6624, 2.6976,

342.1161, 437.9634

6.1390

412.2801,
404.2586, 513.1148

■ 1.5130, 0.9760,
2.8596

■ 0.3346, 0.0000,
1.0234

■ 79.2497, 73.7194,
104.6601

■ 79.2497, 73.7194,
104.6601

■ 71.3366, 60.9144,
102.6056

■ 88.2398, 88.5780,
107.0543

■ 64.4466, 50.0592,
100.8734

95.0500, 100.0000,
108.9000

■ 58.5304, 41.0548,
99.4472

■ 53.5315, 33.7896,
98.3084

■ 49.3879, 28.1400,
97.4363

■ 46.0287, 23.9656,
96.8076

■ 43.3713, 21.1019,
96.3949

■ 41.3108, 19.3404,
96.1635

■ 40.7376, 18.9159,
96.1118

Harmonies

Analogous

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



73.8746, 73.7194, 116.5774



79.2497, 73.7194, 104.6601



82.2258, 73.7194, 87.1284

Triad

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



79.2497, 73.7194, 104.6601



72.4243, 73.7194, 51.5992



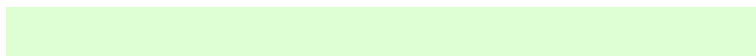
59.5100, 73.7194, 91.4611

Complementary

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



79.2497, 73.7194, 104.6601



77.7695, 91.8039, 75.9119

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.



59.1720, 73.7194, 73.7773



79.2497, 73.7194, 104.6601



66.3946, 73.7194, 52.4089

Square

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



79.2497, 73.7194, 104.6601



78.1351, 73.7194, 57.5940



61.6245, 73.7194, 59.9946



62.5764, 73.7194, 108.2262

Rectangle

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



79.2497, 73.7194, 104.6601



82.3399, 73.7194, 75.3632



61.6245, 73.7194, 59.9946



59.0805, 73.7194, 85.3809

Sweetspot

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



79.2517, 73.7225, 104.6606



90.0342, 91.5752, 107.5382



71.3341, 73.4803, 105.0311



19.1250, 19.3567, 22.9782



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.



79.2517, 73.7225, 104.6606



76.6535, 69.4854, 103.9797



81.0434, 74.8531, 95.3947



18.3554, 18.0750, 22.7713



21.4241, 9.9550, 50.2269



2.1814, 1.0184, 4.8949

Inverse Universe

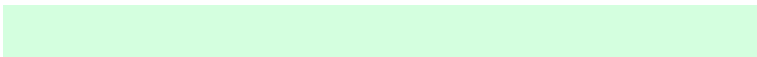
The Inverse Universe completely reimagines the original color for something new.



77.9701, 73.6237, 79.2109



75.2094, 69.3963, 74.3014



76.2958, 90.8710, 83.6638



18.1824, 18.0563, 19.5777



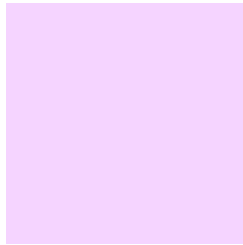
22.0124, 11.2942, 3.4496



2.1831, 1.1156, 0.5457

Previews

White Background



This preview shows how the XYZ color 79.2497, 73.7194, 104.6601 looks on a white background.

Color Contrast Check

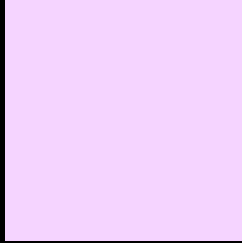
Large Text (above 18pt) WCAG AA × Fail

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 79.2497, 73.7194, 104.6601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

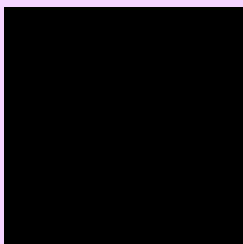
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2497, 73.7194, 104.6601

Background



This preview shows how black text looks on a background with the XYZ color 79.2497, 73.7194, 104.6601.



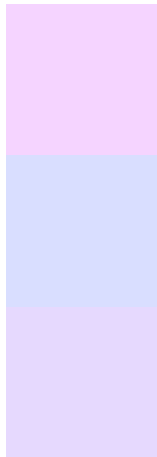
This preview shows how white text looks on a background with the XYZ color 79.2497, 73.7194,

104.6601.

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

79.2497, 73.7194, 104.6601

Protanopia

72.7865, 74.2143, 105.0963

Deuteranopia

75.3354, 73.6045, 104.0024



Tritanopia

75.8818, 73.8722, 87.3501

Trichromacy



Original Color

79.2497, 73.7194, 104.6601

Protanomaly

74.8000, 73.6937, 104.8897

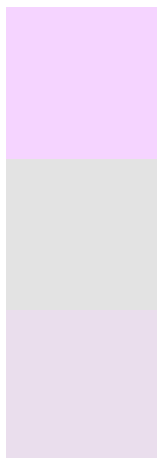
Deuteranomaly

76.4508, 73.4188, 103.9078

Tritanomaly

77.1398, 74.0064, 93.4381

Monochromacy



Original Color

79.2497, 73.7194, 104.6601

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.3390, 75.8494, 90.7904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2497, 73.7194, 104.6601 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(245, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 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(245, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.2497, 73.7194, 104.6601 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(245, 212, 255) }
```


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

```
.border{ border-color:rgb(245, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2497, 73.7194, 104.6601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 255) }
```

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

```
.background{ background-color: rgb(245,  
212, 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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