

Converting Colors

XYZ(79.2115, 73.6162,
112.0432)

Have a look what the booklet for
XYZ(79.2115, 73.6162, 112.0432)
contains.

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Color

**XYZ(77.8691, 73.0077,
104.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D4FF
RGB	241, 212, 255
RGB Percent	95%, 83%, 100%
CMY	0.0549, 0.1686, 0.0000
CMYK	0.05, 0.17, 0.00, 0.00
HSL	280°, 100%, 92%
HSV	280°, 17%, 100%
XYZ	77.8691, 73.0077, 104.5955
YIQ	225.5730, 3.4810, 19.5210

Conversions

Conversions Part 2

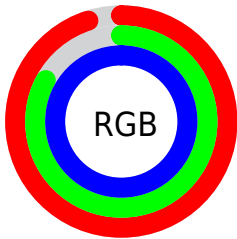
Format	Color
R_{YB}	241, 212, 255
Decimal	15848703
CIE _{Lab}	88.45, 17.63, -17.25
CIE _{LCh}	88, 24.669, 315.630
Yxy	73.0077, 0.3048, 0.2858
Android (android.graphics.Color)	4294038783 (0xFFFF1D4FF)
YUV	225.5730, 14.5075, 13.5295
Hunter-Lab	85.4445, 13.1464, -12.7677

Details

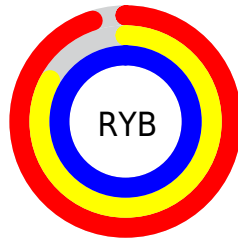
The XYZ color **77.8691, 73.0077, 104.5955** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.0094, 92.4430, 75.9699**, and the grayscale version is **71.8792, 75.6225, 82.3529**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2576, 38.5054, 58.6312** is the 20% darker color. If you saturate the color by 10%, you get **69.2219, 59.8242, 102.5066**, and if you desaturate by 10%, it is **87.6561, 88.2771, 107.0269**.

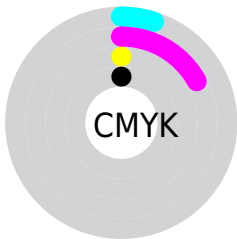
Distribution



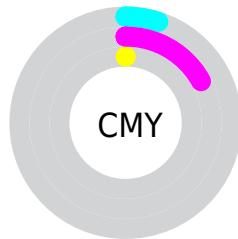
- Red (95%)
- Green (83%)
- Blue (100%)



- Red (95%)
- Yellow (83%)
- Blue (100%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8691, 73.0077, 104.5955 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 77.8691, 73.0077, 104.5955 by changing the saturation by 10% instead.

77.8691, 73.0077,
104.5955

77.8691, 73.0077,
104.5955

476.5688,
471.0415, 596.2000

58.2689, 53.9823,
79.5058

129.3319,
123.4881, 169.5650

42.2689, 38.5875,
58.7880

161.9252,
155.7119, 210.2818

29.5040, 26.4390,
42.0236

199.5802,
193.1040, 257.0448

19.6086, 17.1523,
28.7940

242.6624,
236.0486, 310.2723

12.2174, 10.3432,
18.6808

291.5369,
284.9303, 370.3831

6.9652, 5.6271,
11.2654

346.5693,

3.4865, 2.6197,

340.1334, 437.7956

6.1292

408.1248,
402.0424, 512.9284

■ 1.4159, 0.9366,
2.8538

■ 0.2675, 0.0000,
1.0205

■ 77.8691, 73.0077,
104.5955

■ 77.8691, 73.0077,
104.5955

■ 69.2219, 59.8242,
102.5066

■ 87.6561, 88.2771,
107.0269

■ 61.6596, 48.6225,
100.7430

95.0500, 100.0000,
108.9000

■ 55.1317, 39.3028,
99.2882

■ 49.5808, 31.7529,
98.1235

■ 44.9434, 25.8488,
97.2283

■ 41.1476, 21.4493,
96.5792

■ 38.1095, 18.3894,
96.1486

■ 35.7229, 16.4597,
95.9020

■ 35.0584, 15.9882,
95.8460

Harmonies

Analogous

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



72.5104, 73.0077, 115.2855



77.8691, 73.0077, 104.5955



81.0383, 73.0077, 87.8794

Triad

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



77.8691, 73.0077, 104.5955



72.2613, 73.0077, 51.8608



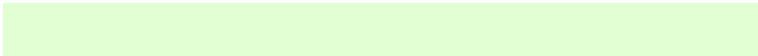
58.9762, 73.0077, 88.6232

Complementary

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



77.8691, 73.0077, 104.5955



79.0094, 92.4430, 75.9699

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.



58.9180, 73.0077, 71.6578



77.8691, 73.0077, 104.5955



66.3636, 73.0077, 52.0007

Square

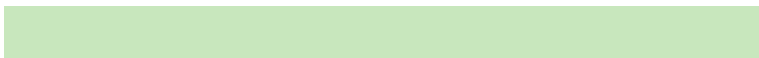
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



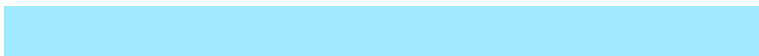
77.8691, 73.0077, 104.5955



77.6778, 73.0077, 58.3528



61.5529, 73.0077, 58.7671



61.7168, 73.0077, 105.2065

Rectangle

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



77.8691, 73.0077, 104.5955



81.3735, 73.0077, 76.3311



61.5529, 73.0077, 58.7671



58.6477, 73.0077, 82.7410

Sweetspot

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



77.8711, 73.0107, 104.5960



89.6058, 91.3544, 107.5182



72.4910, 75.7939, 105.4168



19.0207, 19.3029, 22.9733



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.



77.8711, 73.0107, 104.5960



75.0357, 68.6514, 103.9040



81.7024, 75.1166, 98.8649



18.1841, 17.9866, 22.7633



18.4823, 8.4384, 50.0892



1.9143, 0.8808, 4.8824

Inverse Universe

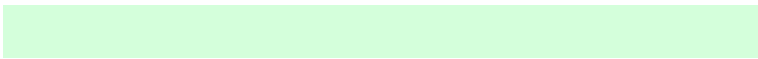
The Inverse Universe completely reimagines the original color for something new.



78.5127, 73.8408, 82.0685



75.8313, 69.6451, 77.5767



75.7216, 90.6413, 80.6406



18.2532, 18.0846, 19.9503



22.4256, 11.4595, 5.6258



2.2312, 1.1349, 0.7991

Previews

White Background



This preview shows how the XYZ color 77.8691, 73.0077, 104.5955 looks on a white background.

Color Contrast Check

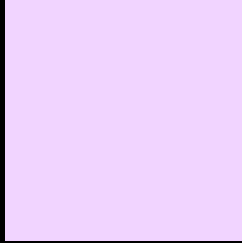
Large Text (above 18pt) WCAG AA × Fail

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 77.8691, 73.0077, 104.5955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

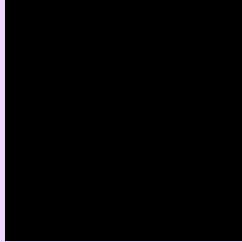
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8691, 73.0077, 104.5955

Background



This preview shows how black text looks on a background with the XYZ color 77.8691, 73.0077, 104.5955.

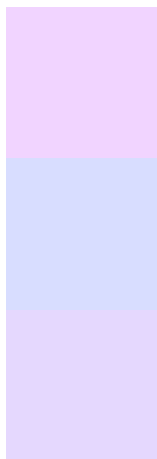


This preview shows how white text looks on a background with the XYZ color 77.8691, 73.0077,

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

77.8691, 73.0077, 104.5955

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

74.7584, 72.9255, 103.9018



Tritanopia

74.5237, 73.1721, 87.2866

Trichromacy



Original Color

77.8691, 73.0077, 104.5955

Protanomaly

74.1727, 73.3704, 104.8603

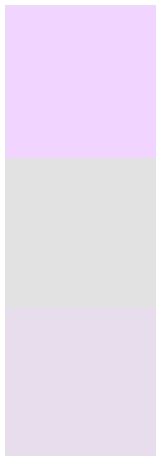
Deuteranomaly

75.7941, 73.0803, 103.8771

Tritanomaly

75.7742, 73.3025, 93.3741

Monochromacy



Original Color

77.8691, 73.0077, 104.5955

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.0975, 74.8163, 90.6564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8691, 73.0077, 104.5955 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, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.8691, 73.0077, 104.5955 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, 212, 255) }
```


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

```
.border{ border-color:rgb(241, 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(241, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8691, 73.0077, 104.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 212, 255) }
```

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

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