

Converting Colors

XYZ(99.7590, 80.4550,
224.7297)

Have a look what the booklet for
XYZ(99.7590, 80.4550, 224.7297)
contains.

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Color

**XYZ(77.1261, 71.5217,
104.3478)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D1FF
RGB	241, 209, 255
RGB Percent	95%, 82%, 100%
CMY	0.0549, 0.1804, 0.0000
CMYK	0.05, 0.18, 0.00, 0.00
HSL	282°, 100%, 91%
HSV	282°, 18%, 100%
XYZ	77.1261, 71.5217, 104.3478
YIQ	223.8120, 4.3060, 21.0900

Conversions

Conversions Part 2

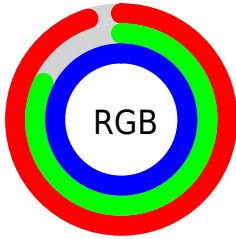
Format	Color
R _Y B	241, 209, 255
Decimal	15847935
CIE Lab	87.74, 19.22, -18.33
CIE LCh	88, 26.554, 316.361
Yxy	71.5217, 0.3049, 0.2827
Android (android.graphics.Color)	4294038015 (0xFFFF1D1FF)
YUV	223.8120, 15.3757, 15.0739
Hunter-Lab	84.5705, 14.7890, -13.9560

Details

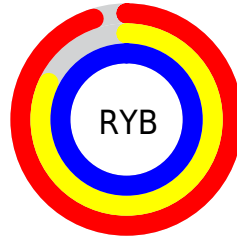
The XYZ color **77.1261, 71.5217, 104.3478** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.7018, 91.8122, 73.9513**, and the grayscale version is **70.6107, 74.2879, 80.8996**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7562, 37.5027, 58.4640** is the 20% darker color. If you saturate the color by 10%, you get **68.7710, 58.6601, 102.3056**, and if you desaturate by 10%, it is **86.5993, 86.4500, 106.7300**.

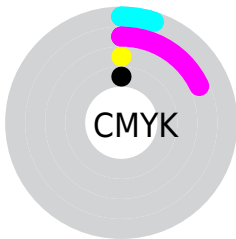
Distribution



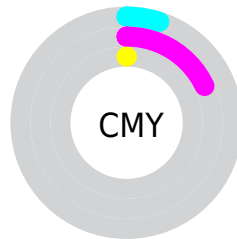
- Red (95%)
- Green (82%)
- Blue (100%)



- Red (95%)
- Yellow (82%)
- Blue (100%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1261, 71.5217, 104.3478 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 77.1261, 71.5217, 104.3478 by changing the saturation by 10% instead.

77.1261, 71.5217,
104.3478

77.1261, 71.5217,
104.3478

474.0792,
465.8751, 595.4093

57.6567, 52.7681,
79.2995

128.2894,
121.3763, 169.2231

41.7749, 37.6176,
58.6193

160.7139,
153.2460, 209.8872

29.1154, 25.6861,
41.8887

198.1875,
190.2565, 256.5936

19.3129, 16.5889,
28.6893

241.0756,
232.7922, 309.7608

12.0019, 9.9418,
18.6023

289.7434,
281.2376, 369.8075

6.8172, 5.3604,
11.2094

344.5564,

3.3933, 2.4602,

335.9769, 437.1521

6.0919

405.8799,
397.3946, 512.2132

■ 1.3650, 0.8566,
2.8314

■ 0.2311, 0.0000,
1.0092

■ 77.1261, 71.5217,
104.3478

■ 77.1261, 71.5217,
104.3478

■ 68.7710, 58.6601,
102.3056

■ 86.5993, 86.4500,
106.7300

■ 61.4792, 47.7605,
100.5861

95.0500, 100.0000,
108.9000

■ 55.1997, 38.7222,
99.1725

■ 49.8750, 31.4322,
98.0461

■ 45.4410, 25.7645,
97.1858

■ 41.8251, 21.5762,
96.5679

■ 38.9418, 18.6985,
96.1644

■ 36.6754, 16.9024,
95.9372

■ 36.2712, 16.6134,
95.9027

Harmonies

Analogous

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



71.4482, 71.5217, 116.1215



77.1261, 71.5217, 104.3478



80.4410, 71.5217, 86.3435

Triad

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



77.1261, 71.5217, 104.3478



70.8752, 71.5217, 48.7973



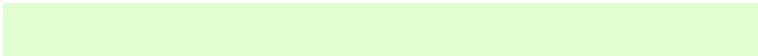
57.0082, 71.5217, 88.0597

Complementary

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



77.1261, 71.5217, 104.3478



77.7018, 91.8122, 73.9513

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.



56.8759, 71.5217, 69.9791



77.1261, 71.5217, 104.3478



64.6244, 71.5217, 49.1102

Square

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



77.1261, 71.5217, 104.3478



76.6844, 71.5217, 55.3737



59.5857, 71.5217, 56.3071



59.9591, 71.5217, 105.7703

Rectangle

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



77.1261, 71.5217, 104.3478



80.7401, 71.5217, 74.0950



59.5857, 71.5217, 56.3071



56.6392, 71.5217, 81.7814

Sweetspot

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



77.1281, 71.5247, 104.3483



89.7034, 91.4046, 107.5227



70.8863, 73.8567, 105.1274



19.0444, 19.3152, 22.9744



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.



77.1281, 71.5247, 104.3483



73.6856, 66.1853, 103.4991



80.7636, 73.5523, 97.5866



18.2230, 18.0067, 22.7651



19.1115, 8.7628, 50.1187



1.9720, 0.9105, 4.8851

Inverse Universe

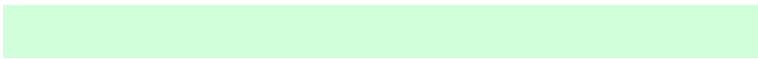
The Inverse Universe completely reimagines the original color for something new.



77.3615, 72.1915, 79.6714



74.0317, 67.0173, 73.9815



74.6374, 90.1087, 79.4034



18.2369, 18.0781, 19.8648



22.3177, 11.4164, 5.0577



2.2191, 1.1300, 0.7354

Previews

White Background



This preview shows how the XYZ color 77.1261, 71.5217, 104.3478 looks on a white background.

Color Contrast Check

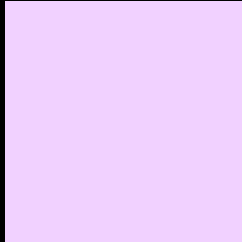
Large Text (above 18pt) WCAG AA × Fail

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 77.1261, 71.5217, 104.3478 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 77.1261, 71.5217, 104.3478

Background



This preview shows how black text looks on a background with the XYZ color 77.1261, 71.5217, 104.3478.

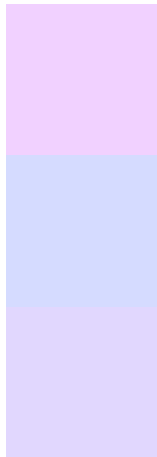


This preview shows how white text looks on a background with the XYZ color 77.1261, 71.5217,

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

77.1261, 71.5217, 104.3478

Protanopia

70.8221, 72.0292, 104.7780

Deuteranopia

73.2412, 71.7642, 103.7576



Tritanopia

73.0022, 71.3062, 84.7788

Trichromacy



Original Color

77.1261, 71.5217, 104.3478

Protanomaly

72.7819, 71.5089, 104.5743

Deuteranomaly

74.6386, 71.7332, 103.6779

Tritanomaly

74.3834, 71.4961, 91.5411

Monochromacy



Original Color

77.1261, 71.5217, 104.3478

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.9600, 73.4842, 88.9357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1261, 71.5217, 104.3478 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, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 209, 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, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.1261, 71.5217, 104.3478 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, 209, 255) }
```


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

```
.border{ border-color:rgb(241, 209, 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, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1261, 71.5217, 104.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 209, 255) }
```

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

```
.background{ background-color: rgb(241,  
209, 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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