

Converting Colors

XYZ(77.8182, 73.4851,
104.6903)

Have a look what the booklet for
XYZ(77.8182, 73.4851, 104.6903)
contains.

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Color

**XYZ(77.7794, 73.3338,
104.6632)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D5FF
RGB	240, 213, 255
RGB Percent	94%, 84%, 100%
CMY	0.0588, 0.1647, 0.0000
CMYK	0.06, 0.16, 0.00, 0.00
HSL	279°, 100%, 92%
HSV	279°, 16%, 100%
XYZ	77.7794, 73.3338, 104.6632
YIQ	225.8610, 2.6100, 18.7860

Conversions

Conversions Part 2

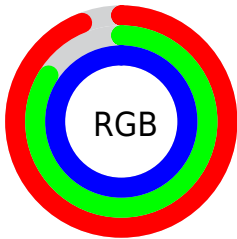
Format	Color
R _Y B	240, 213, 255
Decimal	15783423
CIE Lab	88.61, 16.79, -17.03
CIE LCh	89, 23.909, 314.593
Yxy	73.3338, 0.3041, 0.2867
Android (android.graphics.Color)	4293973503 (0xFFFF0D5FF)
YUV	225.8610, 14.3655, 12.3999
Hunter-Lab	85.6352, 12.2637, -12.5196

Details

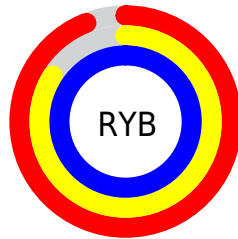
The XYZ color **77.7794, 73.3338, 104.6632** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.7670, 92.8190, 76.6661**, and the grayscale version is **72.0884, 75.8426, 82.5925**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1871, 38.7213, 58.6765** is the 20% darker color. If you saturate the color by 10%, you get **68.8487, 59.9469, 102.5499**, and if you desaturate by 10%, it is **87.8777, 88.8236, 107.1208**.

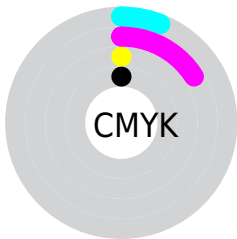
Distribution



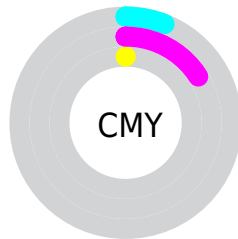
- Red (94%)
- Green (84%)
- Blue (100%)



- Red (94%)
- Yellow (84%)
- Blue (100%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7794, 73.3338, 104.6632 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 77.7794, 73.3338, 104.6632 by changing the saturation by 10% instead.

77.7794, 73.3338,
104.6632

77.7794, 73.3338,
104.6632

476.2686,
472.1709, 596.4160

58.1949, 54.2489,
79.5621

129.2061,
123.9510, 169.6584

42.2093, 38.8007,
58.8341

161.7791,
156.2521, 210.3897

29.4570, 26.6047,
42.0604

199.4122,
193.7274, 257.1680

19.5728, 17.2766,
28.8227

242.4710,
236.7613, 310.4121

12.1914, 10.4319,
18.7023

291.3206,
285.7382, 370.5404

6.9473, 5.6862,
11.2807

346.3265,

3.4752, 2.6553,

341.0425, 437.9714

6.1394

407.8541,
403.0586, 513.1238

■ 1.4097, 0.9545,
2.8599

■ 0.2632, 0.0000,
1.0236

■ 77.7794, 73.3338,
104.6632

■ 77.7794, 73.3338,
104.6632

■ 68.8487, 59.9469,
102.5499

■ 87.8777, 88.8236,
107.1208

■ 61.0303, 48.5586,
100.7638

95.0500, 100.0000,
108.9000

■ 54.2733, 39.0694,
99.2884

■ 48.5199, 31.3671,
98.1049

■ 43.7062, 25.3279,
97.1929

■ 39.7602, 20.8112,
96.5291

■ 36.5978, 17.6525,
96.0861

■ 34.1144, 15.6466,
95.8298

■ 33.3448, 15.1048,
95.7658

Harmonies

Analogous

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



72.5326, 73.3338, 114.6897



77.7794, 73.3338, 104.6632



80.9468, 73.3338, 88.5853

Triad

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



77.7794, 73.3338, 104.6632



72.6891, 73.3338, 52.9800



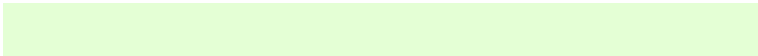
59.5125, 73.3338, 88.1188

Complementary

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



77.7794, 73.3338, 104.6632



79.7670, 92.8190, 76.6661

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.



59.5492, 73.3338, 71.7050



77.7794, 73.3338, 104.6632



66.9452, 73.3338, 52.8912

Square

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



77.7794, 73.3338, 104.6632



77.8994, 73.3338, 59.5645



62.2033, 73.3338, 59.3023



62.1001, 73.3338, 104.2813

Rectangle

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



77.7794, 73.3338, 104.6632



81.3484, 73.3338, 77.3322



62.2033, 73.3338, 59.3023



59.2231, 73.3338, 82.4178

Sweetspot

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



77.7814, 73.3368, 104.6636



89.4611, 91.2797, 107.5114



73.3467, 77.0760, 105.6191



18.9855, 19.2848, 22.9716



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.



77.7814, 73.3368, 104.6636



74.4963, 68.3733, 103.8787



82.1971, 75.7159, 100.2330



18.1264, 17.9569, 22.7606



17.5921, 7.9795, 50.0476



1.8320, 0.8384, 4.8785

Inverse Universe

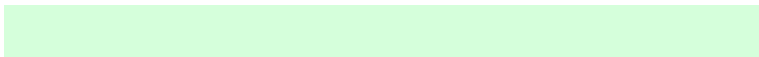
The Inverse Universe completely reimagines the original color for something new.



79.0398, 74.4529, 83.6065



76.0465, 69.7312, 78.7095



75.9364, 90.7606, 80.2616



18.2774, 18.0943, 20.0777



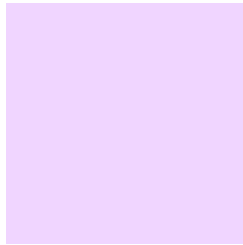
22.6015, 11.5299, 6.5520



2.2505, 1.1426, 0.9004

Previews

White Background



This preview shows how the XYZ color 77.7794, 73.3338, 104.6632 looks on a white background.

Color Contrast Check

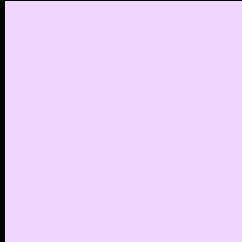
Large Text (above 18pt) WCAG AA × Fail

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 77.7794, 73.3338, 104.6632 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 77.7794, 73.3338, 104.6632

Background



This preview shows how black text looks on a background with the XYZ color 77.7794, 73.3338, 104.6632.



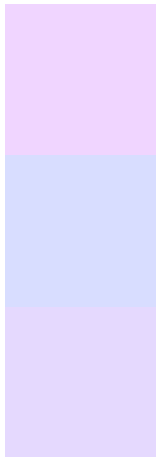
This preview shows how white text looks on a background with the XYZ color 77.7794, 73.3338,

104.6632.

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

77.7794, 73.3338, 104.6632

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

75.0153, 73.4395, 103.9874



Tritanopia

74.5892, 73.5707, 88.1112

Trichromacy



Original Color

77.7794, 73.3338, 104.6632

Protanomaly

74.1727, 73.3704, 104.8603

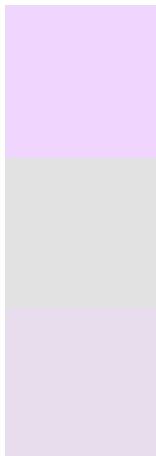
Deuteranomaly

76.0495, 73.5911, 103.9622

Tritanomaly

75.8428, 73.6997, 94.2325

Monochromacy



Original Color

77.7794, 73.3338, 104.6632

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 77.7794, 73.3338, 104.6632 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, 213, 255) looks like.

```
.text, #text, p{  
    color:rgb(240, 213, 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, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.7794, 73.3338, 104.6632 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, 213, 255) }
```


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

```
.border{ border-color:rgb(240, 213, 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, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7794, 73.3338, 104.6632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 213, 255) }
```

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

```
.background{ background-color: rgb(240,  
213, 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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