

Converting Colors

XYZ(89.7577, 77.3310,
170.3247)

Have a look what the booklet for
XYZ(89.7577, 77.3310, 170.3247)
contains.

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Color

**XYZ(77.2794, 72.3338,
104.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D3FF
RGB	240, 211, 255
RGB Percent	94%, 83%, 100%
CMY	0.0588, 0.1725, 0.0000
CMYK	0.06, 0.17, 0.00, 0.00
HSL	280°, 100%, 91%
HSV	280°, 17%, 100%
XYZ	77.2794, 72.3338, 104.4965
YIQ	224.6870, 3.1600, 19.8320

Conversions

Conversions Part 2

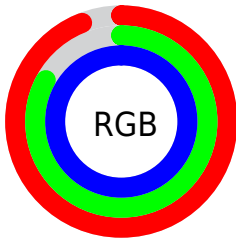
Format	Color
R_{YB}	240, 211, 255
Decimal	15782911
CIE _{Lab}	88.13, 17.84, -17.74
CIE _{LCh}	88, 25.162, 315.154
Yxy	72.3338, 0.3041, 0.2847
Android (android.graphics.Color)	4293972991 (0xFFFF0D3FF)
YUV	224.6870, 14.9443, 13.4295
Hunter-Lab	85.0493, 13.3565, -13.3127

Details

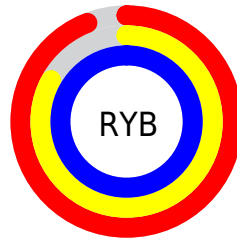
The XYZ color **77.2794, 72.3338, 104.4965** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.8837, 92.3928, 75.3076**, and the grayscale version is **71.2397, 74.9497, 81.6203**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8487, 38.0445, 58.5637** is the 20% darker color. If you saturate the color by 10%, you get **68.5596, 59.1701, 102.4152**, and if you desaturate by 10%, it is **87.1495, 87.5861, 106.9203**.

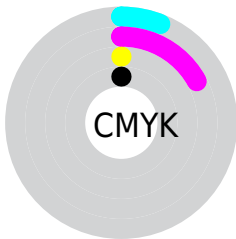
Distribution



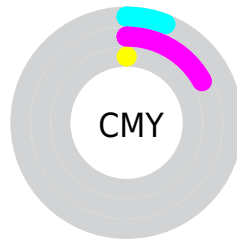
- Red (94%)
- Green (83%)
- Blue (100%)



- Red (94%)
- Yellow (83%)
- Blue (100%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2794, 72.3338, 104.4965 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 77.2794, 72.3338, 104.4965 by changing the saturation by 10% instead.

77.2794, 72.3338,
104.4965

77.2794, 72.3338,
104.4965

474.5935,
468.7026, 595.8840

57.7829, 53.4314,
79.4233

128.5046,
122.5310, 169.4284

41.8768, 38.1473,
58.7205

160.9640,
154.5946, 210.1241

29.1955, 26.0970,
41.9697

198.4751,
191.8140, 256.8645

19.3738, 16.8962,
28.7521

241.4032,
234.5736, 310.0679

12.0463, 10.1605,
18.6494

290.1138,
283.2579, 370.1531

6.8476, 5.5055,
11.2430

344.9721,

3.4125, 2.5468,

338.2513, 437.5385

6.1143

406.3436,
399.9380, 512.6426

■ 1.3755, 0.9000,
2.8448

■ 0.2386, 0.0000,
1.0159

■ 77.2794, 72.3338,
104.4965

■ 77.2794, 72.3338,
104.4965

■ 68.5596, 59.1701,
102.4152

■ 87.1495, 87.5861,
106.9203

■ 60.9348, 47.9904,
100.6592

95.0500, 100.0000,
108.9000

■ 54.3539, 38.6947,
99.2118

■ 48.7592, 31.1701,
98.0543

■ 44.0866, 25.2919,
97.1659

■ 40.2635, 20.9180,
96.5232

■ 37.2051, 17.8819,
96.0984

■ 34.8023, 15.9690,
95.8558

■ 34.2128, 15.5523,
95.8064

Harmonies

Analogous

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



71.8183, 72.3338, 115.2420



77.2794, 72.3338, 104.4965



80.5446, 72.3338, 87.5525

Triad

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



77.2794, 72.3338, 104.4965



71.7566, 72.3338, 50.8901



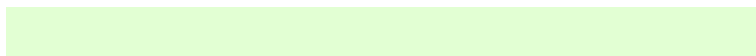
58.1833, 72.3338, 87.7369

Complementary

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



77.2794, 72.3338, 104.4965



78.8837, 92.3928, 75.3076

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.



58.1690, 72.3338, 70.5753



77.2794, 72.3338, 104.4965



65.7725, 72.3338, 50.9245

Square

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



77.2794, 72.3338, 104.4965



77.2320, 72.3338, 57.5362



60.8745, 72.3338, 57.6382



60.9150, 72.3338, 104.6484

Rectangle

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



77.2794, 72.3338, 104.4965



80.9222, 72.3338, 75.8218



60.8745, 72.3338, 57.6382



57.8660, 72.3338, 81.7715

Sweetspot

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



77.2814, 72.3368, 104.4970



89.5355, 91.3181, 107.5149



72.2217, 75.6821, 105.4094



19.0036, 19.2941, 22.9725



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.



77.2814, 72.3368, 104.4970



73.8814, 67.1639, 103.6777



81.5412, 74.6534, 99.2452



18.1560, 17.9722, 22.7620



18.0432, 8.2121, 50.0687



1.8738, 0.8599, 4.8805

Inverse Universe

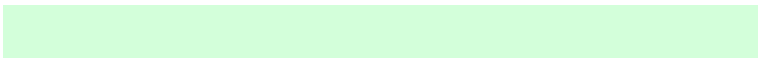
The Inverse Universe completely reimagines the original color for something new.



78.2636, 73.3424, 81.9857



75.1110, 68.3951, 76.7488



75.2287, 90.4110, 79.5448



18.2649, 18.0893, 20.0121



22.5087, 11.4928, 6.0633



2.2404, 1.1385, 0.8473

Previews

White Background



This preview shows how the XYZ color 77.2794, 72.3338, 104.4965 looks on a white background.

Color Contrast Check

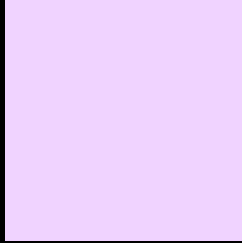
Large Text (above 18pt) WCAG AA × Fail

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 77.2794, 72.3338, 104.4965 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 77.2794, 72.3338, 104.4965

Background



This preview shows how black text looks on a background with the XYZ color 77.2794, 72.3338, 104.4965.



This preview shows how white text looks on a background with the XYZ color 77.2794, 72.3338,

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

77.2794, 72.3338, 104.4965

Protanopia

71.3748, 72.7025, 104.8789

Deuteranopia

74.1238, 72.5984, 103.8721



Tritanopia

73.4580, 72.2599, 86.4198

Trichromacy



Original Color

77.2794, 72.3338, 104.4965

Protanomaly

73.2943, 72.5337, 104.7451

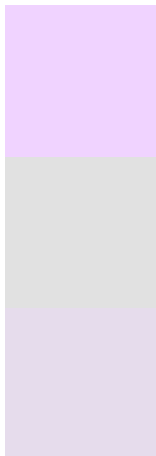
Deuteranomaly

75.2147, 72.4047, 103.7772

Tritanomaly

74.6998, 72.3889, 92.4734

Monochromacy



Original Color

77.2794, 72.3338, 104.4965

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.3666, 74.0655, 89.7861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2794, 72.3338, 104.4965 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.2794, 72.3338, 104.4965 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, 211, 255) }
```


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

```
.border{ border-color:rgb(240, 211, 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, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2794, 72.3338, 104.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 211, 255) }
```

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

```
.background{ background-color: rgb(240,  
211, 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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