

Converting Colors

XYZ(76.0694, 71.2404,
104.3492)

Have a look what the booklet for
XYZ(76.0694, 71.2404, 104.3492)
contains.

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Color

**XYZ(76.0216, 71.3177,
104.3667)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD2FF
RGB	237, 210, 255
RGB Percent	93%, 82%, 100%
CMY	0.0706, 0.1764, 0.0000
CMYK	0.07, 0.18, 0.00, 0.00
HSL	276°, 100%, 91%
HSV	276°, 18%, 100%
XYZ	76.0216, 71.3177, 104.3667
YIQ	223.2030, 1.6470, 19.7190

Conversions

Conversions Part 2

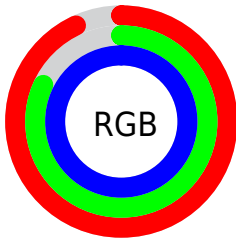
Format	Color
R _Y B	237, 210, 255
Decimal	15586047
CIE Lab	87.64, 17.41, -18.51
CIE LCh	88, 25.407, 313.243
Yxy	71.3177, 0.3020, 0.2833
Android (android.graphics.Color)	4293776127 (0xFFEDD2FF)
YUV	223.2030, 15.6759, 12.1000
Hunter-Lab	84.4498, 12.8983, -14.1583

Details

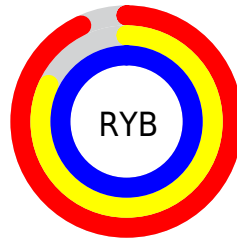
The XYZ color **76.0216, 71.3177, 104.3667** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.3895, 92.6680, 74.6787**, and the grayscale version is **70.1765, 73.8312, 80.4021**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9704, 37.3437, 58.4748** is the 20% darker color. If you saturate the color by 10%, you get **66.9117, 58.0100, 102.2782**, and if you desaturate by 10%, it is **86.3323, 86.7373, 106.7995**.

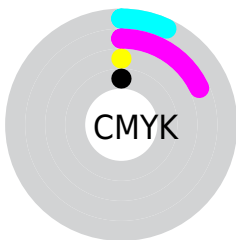
Distribution



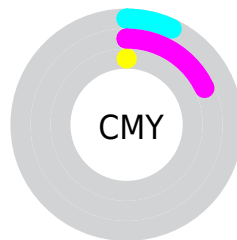
- Red (93%)
- Green (82%)
- Blue (100%)



- Red (93%)
- Yellow (82%)
- Blue (100%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0216, 71.3177, 104.3667 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 76.0216, 71.3177, 104.3667 by changing the saturation by 10% instead.

76.0216, 71.3177,
104.3667

76.0216, 71.3177,
104.3667

470.3649,
465.1633, 595.4697

56.7473, 52.6015,
79.3152

126.7376,
121.0860, 169.2492

41.0418, 37.4847,
58.6322

158.9101,
152.9069, 209.9173

28.5395, 25.5830,
41.8990

196.1127,
189.8648, 256.6280

18.8753, 16.5120,
28.6972

238.7108,
232.3441, 309.7999

11.6837, 9.8872,
18.6083

287.0697,
280.7292, 369.8514

6.5993, 5.3242,
11.2137

341.5548,

3.2569, 2.4387,

335.4045, 437.2012

6.0948

402.5314,
396.7544, 512.2678

■ 1.2910, 0.8457,
2.8331

■ 0.1765, 0.0000,
1.0100

■ 76.0216, 71.3177,
104.3667

■ 76.0216, 71.3177,
104.3667

■ 66.9117, 58.0100,
102.2782

■ 86.3323, 86.7373,
106.7995

■ 58.9460, 46.7088,
100.5167

95.0500, 100.0000,
108.9000

■ 52.0720, 37.3131,
99.0654

■ 46.2304, 29.7090,
97.9055

■ 41.3555, 23.7703,
97.0162

■ 37.3729, 19.3537,
96.3736

■ 34.1956, 16.2905,
95.9498

■ 31.7097, 14.3586,
95.7079

■ 31.1865, 13.9921,
95.6648

Harmonies

Analogous

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



70.4695, 71.3177, 114.5632



76.0216, 71.3177, 104.3667



79.4738, 71.3177, 87.5994

Triad

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



76.0216, 71.3177, 104.3667



71.1748, 71.3177, 50.0585



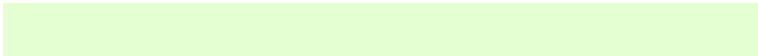
57.1391, 71.3177, 85.4906

Complementary

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



76.0216, 71.3177, 104.3667



79.3895, 92.6680, 74.6787

Split Complementary

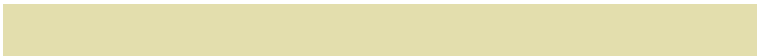
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.3030, 71.3177, 68.4893



76.0216, 71.3177, 104.3667



65.1702, 71.3177, 49.6673

Square

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



76.0216, 71.3177, 104.3667



76.5642, 71.3177, 57.0991



60.1665, 71.3177, 55.9372



59.7046, 71.3177, 102.6275

Rectangle

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



76.0216, 71.3177, 104.3667



80.0005, 71.3177, 75.7940



60.1665, 71.3177, 55.9372



56.8815, 71.3177, 79.5419

Sweetspot

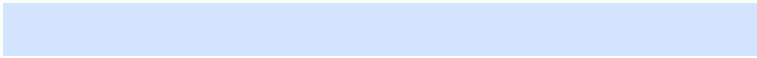
The Sweet Spot groups the original color and five complimentary colors.



76.0236, 71.3206, 104.3671



89.2651, 91.1787, 107.5022



72.5809, 76.8245, 105.6109



18.9378, 19.2602, 22.9694



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.



76.0236, 71.3206, 104.3671



72.8355, 66.6248, 103.6288



81.7400, 74.3366, 101.5142



18.0485, 17.9167, 22.7570



16.4687, 7.4004, 49.9950



1.7269, 0.7842, 4.8736

Inverse Universe

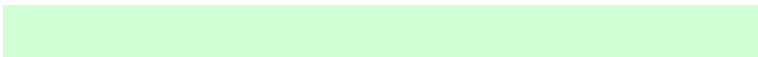
The Inverse Universe completely reimagines the original color for something new.



78.2920, 72.9574, 83.3571



75.5335, 68.5641, 78.9736



74.4462, 90.0649, 76.9149



18.3104, 18.1075, 20.2517



22.8708, 11.6376, 7.9701



2.2790, 1.1540, 1.0509

Previews

White Background



This preview shows how the XYZ color 76.0216, 71.3177, 104.3667 looks on a white background.

Color Contrast Check

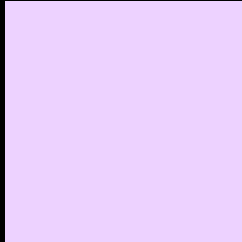
Large Text (above 18pt) WCAG AA × Fail

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 76.0216, 71.3177, 104.3667 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 76.0216, 71.3177, 104.3667

Background



This preview shows how black text looks on a background with the XYZ color 76.0216, 71.3177, 104.3667.

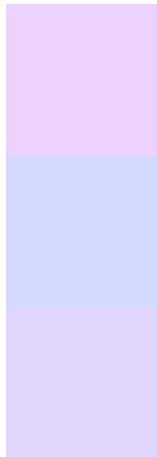


This preview shows how white text looks on a background with the XYZ color 76.0216, 71.3177,

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

76.0216, 71.3177, 104.3667

Protanopia

70.2728, 71.3599, 104.6778

Deuteranopia

72.9873, 71.2564, 103.6730



Tritanopia

72.0746, 71.1863, 85.5429

Trichromacy



Original Color

76.0216, 71.3177, 104.3667

Protanomaly

72.1692, 71.1930, 104.5456

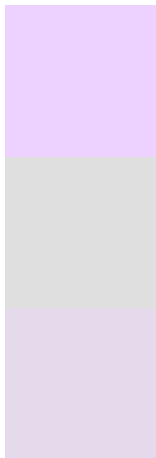
Deuteranomaly

73.9967, 71.4023, 103.6479

Tritanomaly

73.4541, 71.3722, 92.3428

Monochromacy



Original Color

76.0216, 71.3177, 104.3667

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.0617, 72.6349, 88.8191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0216, 71.3177, 104.3667 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(237, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 210, 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(237, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.0216, 71.3177, 104.3667 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(237, 210, 255) }
```


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

```
.border{ border-color:rgb(237, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0216, 71.3177, 104.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 210, 255) }
```

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

```
.background{ background-color: rgb(237,  
210, 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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