

Converting Colors

XYZ(74.4290, 69.2458,
104.0507)

Have a look what the booklet for
XYZ(74.4290, 69.2458, 104.0507)
contains.

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Color

**XYZ(74.6238, 69.5078,
104.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCFFF
RGB	235, 207, 255
RGB Percent	92%, 81%, 100%
CMY	0.0784, 0.1882, 0.0000
CMYK	0.08, 0.19, 0.00, 0.00
HSL	275°, 100%, 91%
HSV	275°, 19%, 100%
XYZ	74.6238, 69.5078, 104.0910
YIQ	220.8440, 1.2800, 20.8640

Conversions

Conversions Part 2

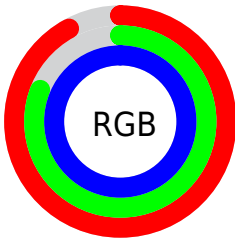
Format	Color
R _{YB}	235, 207, 255
Decimal	15454207
CIE _{Lab}	86.75, 18.36, -19.86
CIE _{LCh}	87, 27.042, 312.747
Yxy	69.5078, 0.3006, 0.2800
Android (android.graphics.Color)	4293644287 (0xFFEBCFFF)
YUV	220.8440, 16.8389, 12.4148
Hunter-Lab	83.3713, 13.8715, -15.6650

Details

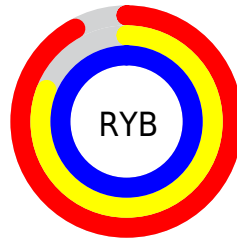
The XYZ color **74.6238, 69.5078, 104.0910** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.7026, 92.3566, 72.7133**, and the grayscale version is **68.5046, 72.0722, 78.4866**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1747, 36.4434, 58.3429** is the 20% darker color. If you saturate the color by 10%, you get **65.5343, 56.3812, 102.0364**, and if you desaturate by 10%, it is **84.9244, 84.7435, 106.4889**.

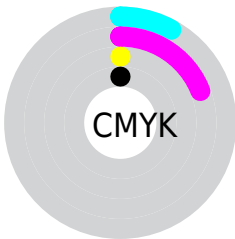
Distribution



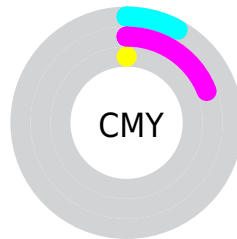
- Red (92%)
- Green (81%)
- Blue (100%)



- Red (92%)
- Yellow (81%)
- Blue (100%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6238, 69.5078, 104.0910 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 74.6238, 69.5078, 104.0910 by changing the saturation by 10% instead.

74.6238, 69.5078,
104.0910

74.6238, 69.5078,
104.0910

465.6407,
458.8199, 594.5890

55.5978, 51.1254,
79.0856

124.7705,
118.5066, 168.8686

40.1163, 36.3084,
58.4445

156.6218,
149.8917, 209.4779

27.8139, 24.6725,
41.7490

193.4791,
186.3799, 256.1256

18.3251, 15.8332,
28.5807

235.7076,
228.3555, 309.2303

11.2848, 9.4062,
18.5210

283.6726,
276.2029, 369.2104

6.3274, 5.0071,
11.1514

337.7396,

3.0877, 2.2514,

330.3065, 436.4845

6.0533

398.2738,
391.0507, 511.4712

■ 1.2003, 0.7478,
2.8082

■ 0.1066, 0.0000,
0.9976

■ 74.6238, 69.5078,
104.0910

■ 74.6238, 69.5078,
104.0910

■ 65.5343, 56.3812,
102.0364

■ 84.9244, 84.7435,
106.4889

■ 57.5986, 45.2575,
100.3075

95.0500, 100.0000,
108.9000

■ 50.7633, 36.0344,
98.8876

■ 44.9677, 28.5963,
97.7573

■ 40.1450, 22.8153,
96.8957

■ 36.2190, 18.5451,
96.2783

■ 33.1003, 15.6131,
95.8768

■ 30.6607, 13.7695,
95.6495

■ 30.3989, 13.5861,
95.6279

Harmonies

Analogous

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



68.7713, 69.5078, 114.7657



74.6238, 69.5078, 104.0910



78.3083, 69.5078, 86.4329

Triad

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



74.6238, 69.5078, 104.0910



69.7194, 69.5078, 47.1757



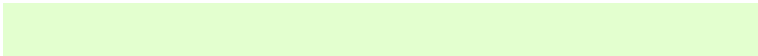
54.9514, 69.5078, 83.5895

Complementary

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



74.6238, 69.5078, 104.0910



78.7026, 92.3566, 72.7133

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.



55.1695, 69.5078, 65.8621



74.6238, 69.5078, 104.0910



63.4308, 69.5078, 46.6631

Square

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



74.6238, 69.5078, 104.0910



75.3557, 69.5078, 54.5119



58.1871, 69.5078, 52.9786



57.5713, 69.5078, 101.7267

Rectangle

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



74.6238, 69.5078, 104.0910



78.9041, 69.5078, 74.0332



58.1871, 69.5078, 52.9786



54.7003, 69.5078, 77.3555

Sweetspot

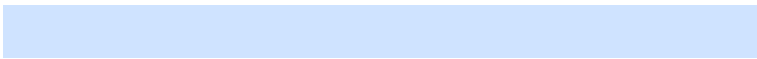
The Sweet Spot groups the original color and five complimentary colors.



74.6257, 69.5107, 104.0914



88.0552, 89.4346, 107.2293



71.2535, 75.4259, 105.4109



18.6904, 18.9069, 22.9143



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.



74.6257, 69.5107, 104.0914



70.6829, 63.7742, 103.1920



80.9667, 72.8532, 101.0618



18.0183, 17.9012, 22.7556



16.0581, 7.1887, 49.9758



1.6880, 0.7641, 4.8718

Inverse Universe

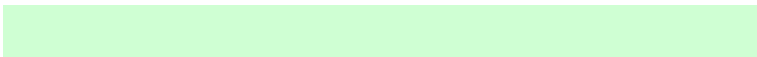
The Inverse Universe completely reimagines the original color for something new.



77.4196, 71.4343, 82.3829



74.0818, 66.1071, 77.1136



73.2520, 89.4895, 75.0435



18.3233, 18.1126, 20.3195



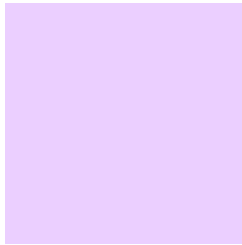
22.9852, 11.6834, 8.5727



2.2909, 1.1587, 1.1135

Previews

White Background



This preview shows how the XYZ color 74.6238, 69.5078, 104.0910 looks on a white background.

Color Contrast Check

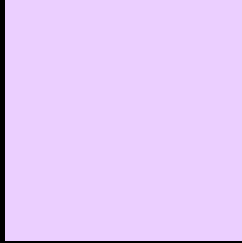
Large Text (above 18pt) WCAG AA × Fail

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 74.6238, 69.5078, 104.0910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

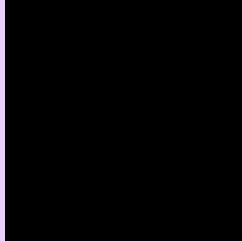
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6238, 69.5078, 104.0910

Background



This preview shows how black text looks on a background with the XYZ color 74.6238, 69.5078, 104.0910.

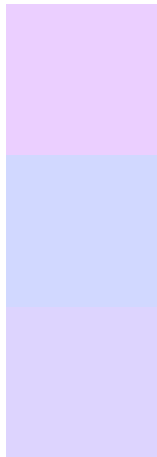


This preview shows how white text looks on a background with the XYZ color 74.6238, 69.5078,

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

74.6238, 69.5078, 104.0910

Protanopia

68.9004, 69.8870, 104.4659

Deuteranopia

71.2517, 69.6149, 103.4476



Tritanopia

70.5021, 69.6773, 83.1320

Trichromacy



Original Color

74.6238, 69.5078, 104.0910

Protanomaly

70.7577, 69.7139, 104.3345

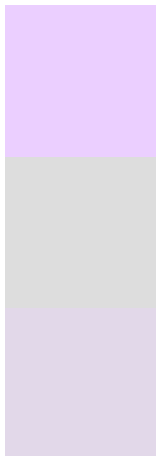
Deuteranomaly

72.3000, 69.4177, 103.3543

Tritanomaly

71.7579, 69.4220, 90.5067

Monochromacy



Original Color

74.6238, 69.5078, 104.0910

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.6279, 71.1637, 87.1043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6238, 69.5078, 104.0910 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(235, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 207, 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(235, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.6238, 69.5078, 104.0910 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(235, 207, 255) }
```


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

```
.border{ border-color:rgb(235, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6238, 69.5078, 104.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 207, 255) }
```

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

```
.background{ background-color: rgb(235,  
207, 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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