

Converting Colors

XYZ(78.1135, 69.5961, 92.5596)

Have a look what the booklet for
XYZ(78.1135, 69.5961, 92.5596)
contains.

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Color

**XYZ(78.0038, 69.3842,
92.5003)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9F1
RGB	255, 201, 241
RGB Percent	100%, 79%, 95%
CMY	0.0000, 0.2117, 0.0549
CMYK	0.00, 0.21, 0.05, 0.00
HSL	316°, 100%, 89%
HSV	316°, 21%, 100%
XYZ	78.0038, 69.3842, 92.5003
YIQ	221.7060, 19.3440, 23.8880

Conversions

Conversions Part 2

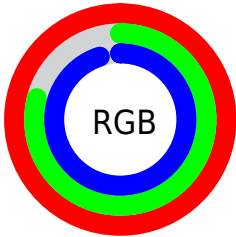
Format	Color
R _Y B	255, 201, 241
Decimal	16763377
CIE _{Lab}	86.69, 25.48, -12.36
CIE _{LCh}	87, 28.319, 334.121
Y _{xy}	69.3842, 0.3252, 0.2892
Android (android.graphics.Color)	4294953457 (0xFFFFC9F1)
Y _{UV}	221.7060, 9.5119, 29.1988
Hunter-Lab	83.2972, 21.3866, -7.5327

Details

The XYZ color **78.0038, 69.3842, 92.5003** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.1154, 88.8449, 77.6411**, and the grayscale version is **69.1508, 72.7521, 79.2270**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4794, 36.3760, 50.6813** is the 20% darker color. If you saturate the color by 10%, you get **71.5760, 58.0802, 85.5741**, and if you desaturate by 10%, it is **85.4574, 82.6816, 99.9471**.

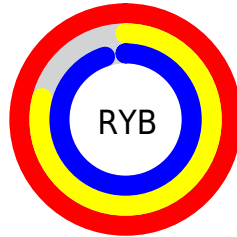
Distribution



Red (100%)

Green (79%)

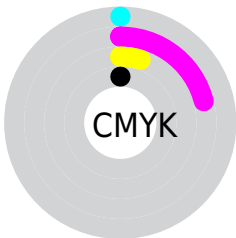
Blue (95%)



Red (100%)

Yellow (79%)

Blue (95%)

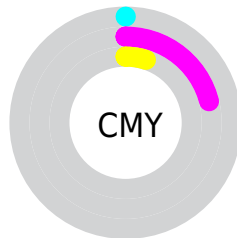


Cyan (0%)

Magenta (21%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0038, 69.3842, 92.5003 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 78.0038, 69.3842, 92.5003 by changing the saturation by 10% instead.

78.0038, 69.3842,
92.5003

78.0038, 69.3842,
92.5003

477.0193,
458.3849, 556.9097

58.3799, 51.0247,
69.4709

129.5208,
118.3302, 152.7723

42.3586, 36.2282,
50.6212

162.1446,
149.6854, 190.8520

29.5745, 24.6105,
35.5326

199.8325,
186.1413, 234.7855

19.6623, 15.7871,
23.7866

242.9497,
228.0823, 284.9914

12.2567, 9.3736,
14.9646

291.8616,
275.8927, 341.8883

6.9922, 4.9857,
8.6482

346.9336,

3.5035, 2.2389,

329.9570, 405.8946

4.4188

408.5311,
390.6596, 477.4289

■ 1.4253, 0.7411,
1.8578

■ 0.2741, 0.0000,
0.4657

■ 78.0038, 69.3842,
92.5003

■ 78.0038, 69.3842,
92.5003

■ 71.5760, 58.0802,
85.5741

■ 85.4574, 82.6816,
99.9471

■ 66.1202, 48.6638,
79.1459

■ 93.9776, 98.0547,
107.9272

■ 61.5847, 41.0319,
73.1977

95.0500, 100.0000,
108.9000

■ 57.9112, 35.0683,
67.7080

■ 55.0343, 30.6432,
62.6531

■ 52.8791, 27.6072,
58.0060

■ 51.3556, 25.7809,
53.7348

■ 50.4131, 24.9292,
50.2348

Harmonies

Analogous

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



73.3055, 69.3842, 109.7066



78.0038, 69.3842, 92.5003



79.3951, 69.3842, 72.9727

Triad

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



78.0038, 69.3842, 92.5003



65.0423, 69.3842, 44.8526



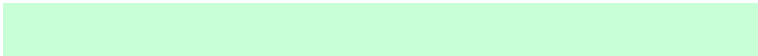
56.0142, 69.3842, 97.7604

Complementary

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



78.0038, 69.3842, 92.5003



72.1154, 88.8449, 77.6411

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.



54.1113, 69.3842, 78.1824



78.0038, 69.3842, 92.5003



59.0993, 69.3842, 49.3359

Square

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



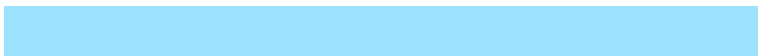
78.0038, 69.3842, 92.5003



71.6280, 69.3842, 47.4011



55.2024, 69.3842, 60.8041



60.5757, 69.3842, 113.0808

Rectangle

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



78.0038, 69.3842, 92.5003



78.1876, 69.3842, 61.6809



55.2024, 69.3842, 60.8041



55.0567, 69.3842, 91.3508

Sweetspot

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



78.0054, 69.3870, 92.5018



89.7297, 90.3708, 104.0083



66.8171, 63.3683, 103.3174



19.0870, 19.1287, 22.1506



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.



78.0054, 69.3870, 92.5018



75.4274, 64.8316, 89.7911



74.3302, 67.9170, 73.1483



18.5797, 18.2152, 21.6699



26.4062, 13.0518, 26.5872



2.6157, 1.2887, 2.8237

Inverse Universe

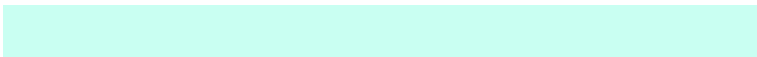
The Inverse Universe completely reimagines the original color for something new.



78.0054, 69.3870, 92.5018



75.4274, 64.8316, 89.7911



75.8012, 90.3192, 97.0506



18.5797, 18.2152, 21.6699



26.4062, 13.0518, 26.5872



2.6157, 1.2887, 2.8237

Previews

White Background



This preview shows how the XYZ color 78.0038, 69.3842, 92.5003 looks on a white background.

Color Contrast Check

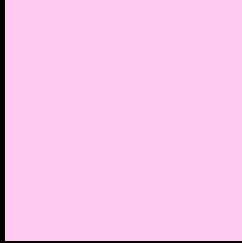
Large Text (above 18pt) WCAG AA × Fail

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 78.0038, 69.3842, 92.5003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

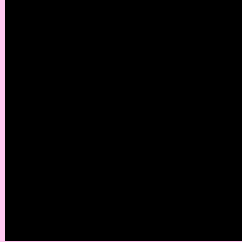
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0038, 69.3842, 92.5003

Background



This preview shows how black text looks on a background with the XYZ color 78.0038, 69.3842, 92.5003.



This preview shows how white text looks on a background with the XYZ color 78.0038, 69.3842,

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

78.0038, 69.3842, 92.5003

Protanopia

68.6752, 69.8627, 100.3078

Deuteranopia

70.8692, 69.3145, 91.3052



Tritanopia

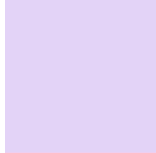
74.8945, 69.5254, 77.1825

Trichromacy



Original Color

78.0038, 69.3842, 92.5003



Protanomaly

71.7613, 69.6348, 97.6543



Deuteranomaly

73.3009, 69.0941, 91.9112



Tritanomaly

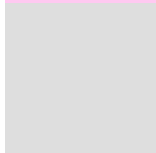
76.1045, 69.6698, 82.8353

Monochromacy



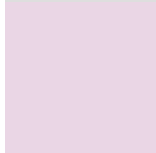
Original Color

78.0038, 69.3842, 92.5003



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.1211, 71.2427, 84.0788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0038, 69.3842, 92.5003 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(255, 201, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 241)  
}
```

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(255, 201, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 241) }
```

Border

The CSS property to change the border of an element to XYZ 78.0038, 69.3842, 92.5003 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(255, 201, 241) }
```


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

```
.border{ border-color:rgb(255, 201, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0038, 69.3842, 92.5003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 241) }
```

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

```
.background{ background-color: rgb(255,  
201, 241) }
```

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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