

Converting Colors

XYZ(78.1643, 69.4330, 93.3927)

Have a look what the booklet for
XYZ(78.1643, 69.4330, 93.3927)
contains.

XYZ(78.1537, 69.4441, 93.2893)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.1537, 69.4441,
93.2893)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9F2
RGB	255, 201, 242
RGB Percent	100%, 79%, 95%
CMY	0.0000, 0.2117, 0.0510
CMYK	0.00, 0.21, 0.05, 0.00
HSL	314°, 100%, 89%
HSV	314°, 21%, 100%
XYZ	78.1537, 69.4441, 93.2893
YIQ	221.8200, 19.0230, 24.1990

Conversions

Conversions Part 2

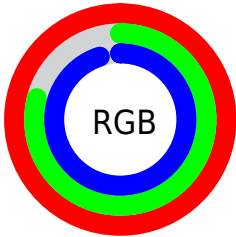
Format	Color
R _Y B	255, 201, 242
Decimal	16763378
CIE _{Lab}	86.72, 25.65, -12.85
CIE _{LCh}	87, 28.689, 333.397
Y _{xy}	69.4441, 0.3244, 0.2883
Android (android.graphics.Color)	4294953458 (0xFFFFC9F2)
Y _{UV}	221.8200, 9.9487, 29.0989
Hunter-Lab	83.3331, 21.5727, -8.0404

Details

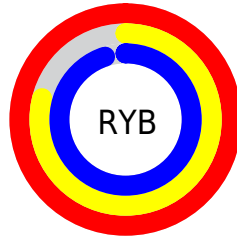
The XYZ color **78.1537, 69.4441, 93.2893** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.9871, 88.7936, 76.9661**, and the grayscale version is **69.2282, 72.8335, 79.3157**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5853, 36.4184, 51.2393** is the 20% darker color. If you saturate the color by 10%, you get **71.7889, 58.1653, 86.6954**, and if you desaturate by 10%, it is **85.5392, 82.7142, 100.3781**.

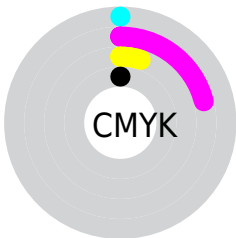
Distribution



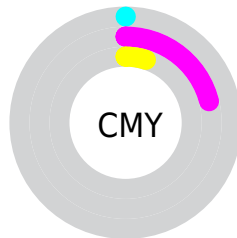
- Red (100%)
- Green (79%)
- Blue (95%)



- 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 78.1537, 69.4441, 93.2893 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 78.1537, 69.4441, 93.2893 by changing the saturation by 10% instead.


 78.1537, 69.4441,
93.2893

 78.1537, 69.4441,
93.2893


477.5205,
458.5957, 559.5176

 58.5035, 51.0735,
70.1230


129.7310,
118.4157, 153.8742

 42.4584, 36.2671,
51.1494

162.3888,
149.7854, 192.1300

 29.6531, 24.6405,
35.9499


200.1131,
186.2569, 236.2525

 19.7222, 15.8094,
24.1062

243.2693,
228.2147, 286.6606

 12.3003, 9.3894,
15.1995

292.2228,
276.0430, 343.7725

 7.0222, 4.9960,
8.8113

347.3389,

 3.5224, 2.2449,

330.1264, 408.0070

4.5232

408.9830,
390.8492, 479.7825

■ 1.4357, 0.7443,
1.9165

■ 0.2814, 0.0000,
0.5032

■ 78.1537, 69.4441,
93.2893

■ 78.1537, 69.4441,
93.2893

■ 71.7889, 58.1653,
86.6954

■ 85.5392, 82.7142,
100.3781

■ 66.3914, 48.7722,
80.5741

■ 93.9864, 98.0581,
107.9740

■ 61.9094, 41.1617,
74.9079

95.0500, 100.0000,
108.9000

■ 58.2848, 35.2177,
69.6756

■ 55.4523, 30.8104,
64.8540

■ 53.3369, 27.7903,
60.4166

■ 51.8488, 25.9782,
56.3318

■ 50.9339, 25.1376,
52.9774

Harmonies

Analogous

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



73.3216, 69.4441, 110.6252



78.1537, 69.4441, 93.2893



79.6582, 69.4441, 73.4562

Triad

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



78.1537, 69.4441, 93.2893



65.2472, 69.4441, 44.5446



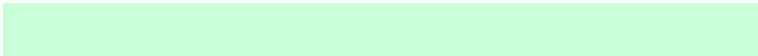
55.8621, 69.4441, 97.6953

Complementary

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



78.1537, 69.4441, 93.2893



71.9871, 88.7936, 76.9661

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.



54.0076, 69.4441, 77.8112



78.1537, 69.4441, 93.2893



59.1913, 69.4441, 48.8977

Square

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



78.1537, 69.4441, 93.2893



71.9181, 69.4441, 47.2874



55.1846, 69.4441, 60.3234



60.4243, 69.4441, 113.4552

Rectangle

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



78.1537, 69.4441, 93.2893



78.4937, 69.4441, 61.9400



55.1846, 69.4441, 60.3234



54.9158, 69.4441, 91.1628

Sweetspot

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



78.1552, 69.4469, 93.2907



89.7744, 90.3887, 104.2438



66.5542, 63.2327, 103.3051



19.0976, 19.1329, 22.2064



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.



78.1552, 69.4469, 93.2907



75.6020, 64.9014, 90.7103



74.4458, 67.9631, 73.7571



18.5947, 18.2212, 21.7488



26.6757, 13.1596, 28.0062



2.6400, 1.2984, 2.9515

Inverse Universe

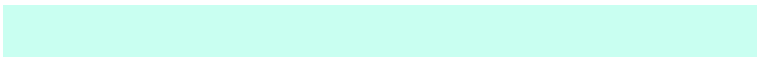
The Inverse Universe completely reimagines the original color for something new.



78.1552, 69.4469, 93.2907



75.6020, 64.9014, 90.7103



75.6667, 90.2654, 96.3423



18.5947, 18.2212, 21.7488



26.6757, 13.1596, 28.0062



2.6400, 1.2984, 2.9515

Previews

White Background



This preview shows how the XYZ color 78.1537, 69.4441, 93.2893 looks on a white background.

Color Contrast Check

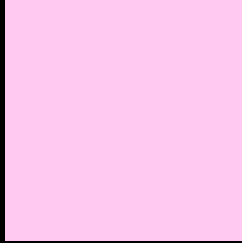
Large Text (above 18pt) WCAG AA × Fail

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 78.1537, 69.4441, 93.2893 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 78.1537, 69.4441, 93.2893

Background



This preview shows how black text looks on a background with the XYZ color 78.1537, 69.4441, 93.2893.



This preview shows how white text looks on a background with the XYZ color 78.1537, 69.4441,

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

78.1537, 69.4441, 93.2893

Protanopia

68.8324, 69.9257, 101.1359

Deuteranopia

71.0174, 69.3738, 92.0855



Tritanopia

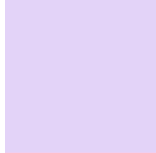
75.0274, 69.5785, 77.8822

Trichromacy



Original Color

78.1537, 69.4441, 93.2893



Protanomaly

71.9161, 69.6967, 98.4694



Deuteranomaly

73.4499, 69.1537, 92.6959



Tritanomaly

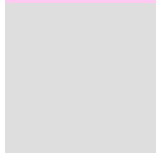
76.2437, 69.7255, 83.5686

Monochromacy



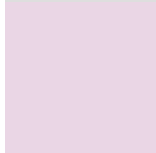
Original Color

78.1537, 69.4441, 93.2893



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 78.1537, 69.4441, 93.2893 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 242) }
```

Border

The CSS property to change the border of an element to XYZ 78.1537, 69.4441, 93.2893 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, 242) }
```


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

```
.border{ border-color:rgb(255, 201, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1537, 69.4441, 93.2893 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
201, 242) }
```

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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