

Converting Colors

XYZ(77.7426, 69.2814, 91.1193)

Have a look what the booklet for
XYZ(77.7426, 69.2814, 91.1193)
contains.

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Color

**XYZ(77.7066, 69.2653,
90.9353)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9EF
RGB	255, 201, 239
RGB Percent	100%, 79%, 94%
CMY	0.0000, 0.2117, 0.0627
CMYK	0.00, 0.21, 0.06, 0.00
HSL	318°, 100%, 89%
HSV	318°, 21%, 100%
XYZ	77.7066, 69.2653, 90.9353
YIQ	221.4780, 19.9860, 23.2660

Conversions

Conversions Part 2

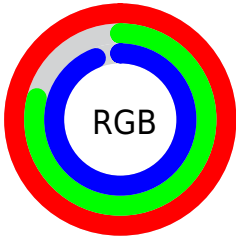
Format	Color
R_{YB}	255, 201, 239
Decimal	16763375
CIE _{Lab}	86.64, 25.14, -11.39
CIE _{LCh}	87, 27.596, 335.628
Yxy	69.2653, 0.3266, 0.2911
Android (android.graphics.Color)	4294953455 (0xFFFFC9EF)
YUV	221.4780, 8.6383, 29.3988
Hunter-Lab	83.2258, 21.0175, -6.5242

Details

The XYZ color **77.7066, 69.2653, 90.9353** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.3740, 88.9483, 79.0031**, and the grayscale version is **68.9960, 72.5891, 79.0496**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2697, 36.2921, 49.5770** is the 20% darker color. If you saturate the color by 10%, you get **71.1555, 57.9120, 83.3594**, and if you desaturate by 10%, it is **85.2944, 82.6164, 99.0888**.

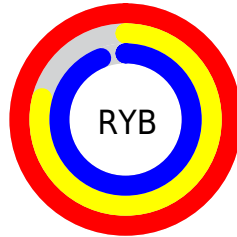
Distribution



Red (100%)

Green (79%)

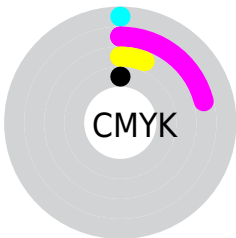
Blue (94%)



Red (100%)

Yellow (79%)

Blue (94%)

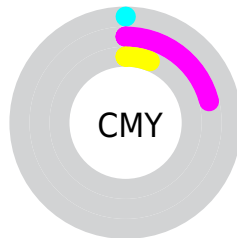


Cyan (0%)

Magenta (21%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7066, 69.2653, 90.9353 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 77.7066, 69.2653, 90.9353 by changing the saturation by 10% instead.

77.7066, 69.2653,
90.9353

77.7066, 69.2653,
90.9353

476.0249,
457.9661, 551.7171

58.1349, 50.9278,
68.1786

129.1040,
118.1604, 150.5837

42.1608, 36.1512,
49.5754

161.6604,
149.4868, 188.3125

29.4189, 24.5510,
34.7073

199.2758,
185.9117, 231.8691

19.5438, 15.7428,
23.1558

242.3156,
227.8193, 281.6719

12.1702, 9.3424,
14.5022

291.1450,
275.5942, 338.1396

6.9327, 4.9652,
8.3280

346.1295,

3.4660, 2.2268,

329.6207, 401.6906

4.2148

407.6343,
390.2832, 472.7436

■ 1.4047, 0.7346,
1.7439

■ 0.2596, 0.0000,
0.3906

■ 77.7066, 69.2653,
90.9353

■ 77.7066, 69.2653,
90.9353

■ 71.1555, 57.9120,
83.3594

■ 85.2944, 82.6164,
99.0888

■ 65.5869, 48.4504,
76.3376

■ 93.9598, 98.0476,
107.8336

■ 60.9491, 40.7776,
69.8508

95.0500, 100.0000,
108.9000

■ 57.1836, 34.7773,
63.8764

■ 54.2247, 30.3194,
58.3898

■ 51.9974, 27.2545,
53.3628

■ 50.4114, 25.4032,
48.7624

■ 49.4215, 24.5326,
45.0130

Harmonies

Analogous

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



73.2753, 69.2653, 107.8863



77.7066, 69.2653, 90.9353



78.8722, 69.2653, 72.0103

Triad

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



77.7066, 69.2653, 90.9353



64.6337, 69.2653, 45.4719



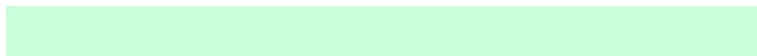
56.3198, 69.2653, 97.8957

Complementary

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



77.7066, 69.2653, 90.9353



72.3740, 88.9483, 79.0031

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.



54.3192, 69.2653, 78.9318



77.7066, 69.2653, 90.9353



58.9154, 69.2653, 50.2205

Square

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



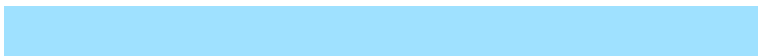
77.7066, 69.2653, 90.9353



71.0505, 69.2653, 47.6277



55.2379, 69.2653, 61.7749



60.8804, 69.2653, 112.3396

Rectangle

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



77.7066, 69.2653, 90.9353



77.5791, 69.2653, 61.1630



55.2379, 69.2653, 61.7749



55.3395, 69.2653, 91.7322

Sweetspot

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



77.7082, 69.2681, 90.9367



89.6404, 90.3351, 103.5384



67.3469, 63.6414, 103.3422



19.0659, 19.1202, 22.0394



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.



77.7082, 69.2681, 90.9367



75.0818, 64.6933, 87.9709



74.1008, 67.8252, 71.9405



18.5499, 18.2033, 21.5127



25.8925, 12.8463, 23.8824



2.5691, 1.2700, 2.5783

Inverse Universe

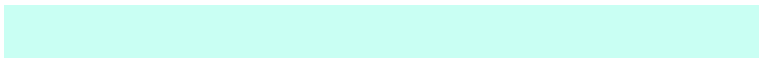
The Inverse Universe completely reimagines the original color for something new.



77.7082, 69.2681, 90.9367



75.0818, 64.6933, 87.9709



76.0722, 90.4276, 98.4776



18.5499, 18.2033, 21.5127



25.8925, 12.8463, 23.8824



2.5691, 1.2700, 2.5783

Previews

White Background



This preview shows how the XYZ color 77.7066, 69.2653, 90.9353 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 77.7066, 69.2653, 90.9353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

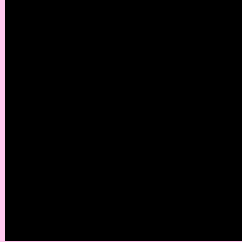
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7066, 69.2653, 90.9353

Background



This preview shows how black text looks on a background with the XYZ color 77.7066, 69.2653, 90.9353.



This preview shows how white text looks on a background with the XYZ color 77.7066, 69.2653,

90.9353.

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

77.7066, 69.2653, 90.9353

Protanopia

68.3951, 69.3752, 98.5929

Deuteranopia

70.8934, 69.3610, 89.7723



Tritanopia

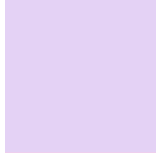
74.6560, 69.0485, 77.1030

Trichromacy



Original Color

77.7066, 69.2653, 90.9353



Protanomaly

71.5229, 69.1797, 95.9696



Deuteranomaly

73.0053, 68.9758, 90.3548



Tritanomaly

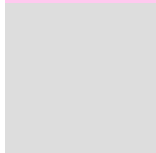
75.7291, 69.1406, 82.0272

Monochromacy



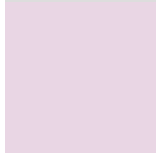
Original Color

77.7066, 69.2653, 90.9353



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

71.6544, 71.0182, 83.3301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7066, 69.2653, 90.9353 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 239) }
```

Border

The CSS property to change the border of an element to XYZ 77.7066, 69.2653, 90.9353 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, 239) }
```


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

```
.border{ border-color:rgb(255, 201, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7066, 69.2653, 90.9353 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, 239) }
```

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

```
.background{ background-color: rgb(255,  
201, 239) }
```

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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