

Converting Colors

XYZ(70.5975, 58.7288,
102.2226)

Have a look what the booklet for
XYZ(70.5975, 58.7288, 102.2226)
contains.

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Color

**XYZ(70.5091, 58.7930,
102.2397)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B5FF
RGB	240, 181, 255
RGB Percent	94%, 71%, 100%
CMY	0.0588, 0.2902, 0.0000
CMYK	0.06, 0.29, 0.00, 0.00
HSL	288°, 100%, 85%
HSV	288°, 29%, 100%
XYZ	70.5091, 58.7930, 102.2397
YIQ	207.0770, 11.4100, 35.5220

Conversions

Conversions Part 2

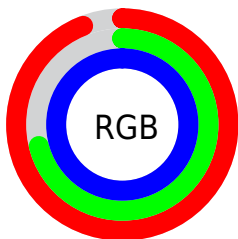
Format	Color
R _Y B	240, 181, 255
Decimal	15775231
CIE _{Lab}	81.18, 33.76, -28.30
CIE _{LCh}	81, 44.049, 320.026
Yxy	58.7930, 0.3045, 0.2539
Android (android.graphics.Color)	4293965311 (0xFFFF0B5FF)
YUV	207.0770, 23.6260, 28.8735
Hunter-Lab	76.6766, 29.9583, -25.3830

Details

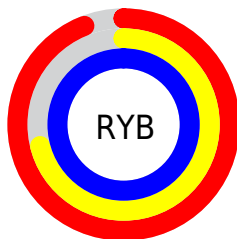
The XYZ color **70.5091, 58.7930, 102.2397** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.8667, 86.5926, 56.9086**, and the grayscale version is **59.2068, 62.2902, 67.8340**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **37.3109, 29.3232, 57.1195** is the 20% darker color. If you saturate the color by 10%, you get **64.0616, 48.4650, 100.5860**, and if you desaturate by 10%, it is **77.9589, 71.0494, 104.2128**.

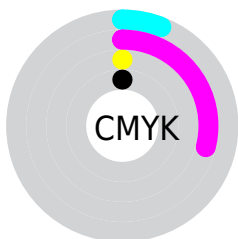
Distribution



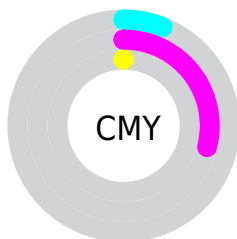
- Red (94%)
- Green (71%)
- Blue (100%)



- Red (94%)
- Yellow (71%)
- Blue (100%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5091, 58.7930, 102.2397 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 70.5091, 58.7930, 102.2397 by changing the saturation by 10% instead.

70.5091, 58.7930,
102.2397

70.5091, 58.7930,
102.2397

451.5741,
420.1344, 588.6576

52.2228, 42.4465,
77.5450

118.9568,
103.0768, 166.3103

37.4077, 29.4511,
57.1861

149.8489,
131.7828, 206.5233

25.6984, 19.4223,
40.7443

185.6736,
165.3775, 252.7462

16.7296, 11.9758,
27.8012

226.7963,
204.2452, 305.3975

10.1360, 6.7272,
17.9381

273.5824,
248.7704, 364.8958

5.5522, 3.2921,
10.7366

326.3971,

2.6128, 1.2861,

299.3374, 431.6595

5.7780

385.6059,
356.3306, 506.1073

■ 0.9525, 0.1304,
2.6440

■ 0.0000, 0.0000,
0.9150

■ 70.5091, 58.7930,
102.2397

■ 70.5091, 58.7930,
102.2397

■ 64.0616, 48.4650,
100.5860

■ 77.9589, 71.0494,
104.2128

■ 58.5590, 39.9542,
99.2333

■ 86.4541, 85.3228,
106.5201

■ 53.9459, 33.1494,
98.1629

95.0500, 100.0000,
108.9000

■ 50.1586, 27.9237,
97.3539

■ 47.1244, 24.1326,
96.7821

■ 44.7573, 21.6047,
96.4189

■ 42.9304, 20.0867,
96.2222

■ 42.7644, 19.9607,
96.2066

Harmonies

Analogous

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



62.1381, 58.7930, 124.1350



70.5091, 58.7930, 102.2397



75.1045, 58.7930, 73.1652

Triad

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



70.5091, 58.7930, 102.2397



58.9905, 58.7930, 26.0533



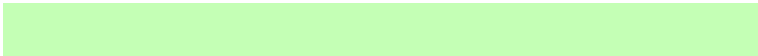
40.8999, 58.7930, 82.9086

Complementary

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



70.5091, 58.7930, 102.2397



66.8667, 86.5926, 56.9086

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.



40.2541, 58.7930, 55.6625



70.5091, 58.7930, 102.2397



50.0587, 58.7930, 27.3310

Square

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



70.5091, 58.7930, 102.2397



67.9895, 58.7930, 32.5955



43.4304, 58.7930, 36.7488



45.3029, 58.7930, 111.0264

Rectangle

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



70.5091, 58.7930, 102.2397



75.1012, 58.7930, 55.6221



43.4304, 58.7930, 36.7488



40.2563, 58.7930, 73.2136

Sweetspot

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



70.5108, 58.7955, 102.2401



86.4700, 85.3498, 106.5244



57.0820, 56.9938, 102.6001



18.2292, 17.7961, 22.7242



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.



70.5108, 58.7955, 102.2401



66.5359, 52.3907, 101.2133



72.6212, 60.2523, 85.6704



18.4109, 18.1035, 22.7739



22.4716, 10.4950, 50.2759



2.2749, 1.0667, 4.8993

Inverse Universe

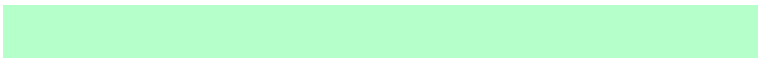
The Inverse Universe completely reimagines the original color for something new.



67.7290, 58.2955, 59.9087



63.4658, 51.8956, 51.9313



65.4744, 85.6072, 68.9317



18.1599, 18.0473, 19.4592



21.9111, 11.2537, 2.9164



2.1703, 1.1105, 0.4781

Previews

White Background



This preview shows how the XYZ color 70.5091, 58.7930, 102.2397 looks on a white background.

Color Contrast Check

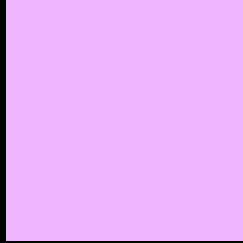
Large Text (above 18pt) WCAG AA × Fail

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 70.5091, 58.7930, 102.2397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

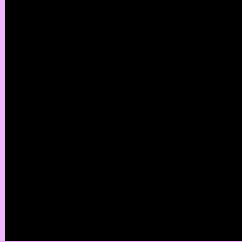
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.5091, 58.7930, 102.2397

Background



This preview shows how black text looks on a background with the XYZ color 70.5091, 58.7930, 102.2397.



This preview shows how white text looks on a background with the XYZ color 70.5091, 58.7930,

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

70.5091, 58.7930, 102.2397

Protanopia

59.1978, 59.0933, 102.8938

Deuteranopia

60.5297, 59.1522, 100.3227



Tritanopia

63.2545, 58.9930, 65.8105

Trichromacy



Original Color

70.5091, 58.7930, 102.2397



Protanomaly

62.5736, 58.4817, 102.5979



Deuteranomaly

63.7306, 58.7882, 100.9168



Tritanomaly

65.6817, 58.7012, 77.6807

Monochromacy



Original Color

70.5091, 58.7930, 102.2397



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.8620, 60.8301, 78.9492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5091, 58.7930, 102.2397 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(240, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 181, 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(240, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.5091, 58.7930, 102.2397 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(240, 181, 255) }
```


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

```
.border{ border-color:rgb(240, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5091, 58.7930, 102.2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 181, 255) }
```

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

```
.background{ background-color: rgb(240,  
181, 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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