

Converting Colors

XYZ(67.2819, 60.7808,
102.7935)

Have a look what the booklet for
XYZ(67.2819, 60.7808, 102.7935)
contains.

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Color

**XYZ(67.2442, 60.8895,
102.8164)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC1FF
RGB	222, 193, 255
RGB Percent	87%, 76%, 100%
CMY	0.1294, 0.2431, 0.0000
CMYK	0.13, 0.24, 0.00, 0.00
HSL	268°, 100%, 88%
HSV	268°, 24%, 100%
XYZ	67.2442, 60.8895, 102.8164
YIQ	208.7390, -2.6180, 25.4300

Conversions

Conversions Part 2

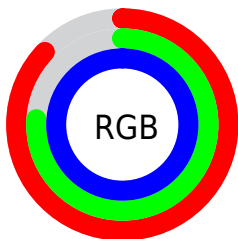
Format	Color
R _Y B	222, 193, 255
Decimal	14598655
CIE Lab	82.32, 21.74, -26.70
CIE LCh	82, 34.429, 309.153
Yxy	60.8895, 0.2912, 0.2636
Android (android.graphics.Color)	4292788735 (0xFFDEC1FF)
YUV	208.7390, 22.8067, 11.6299
Hunter-Lab	78.0317, 17.2677, -23.4997

Details

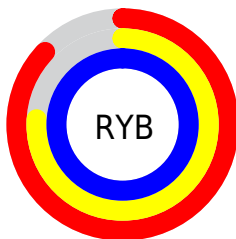
The XYZ color **67.2442, 60.8895, 102.8164** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.7508, 91.5396, 64.0785**, and the grayscale version is **60.2933, 63.4332, 69.0788**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **35.1515, 30.6494, 57.4893** is the 20% darker color. If you saturate the color by 10%, you get **58.0948, 48.5150, 100.9101**, and if you desaturate by 10%, it is **77.7036, 75.3852, 105.0631**.

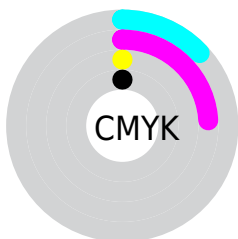
Distribution



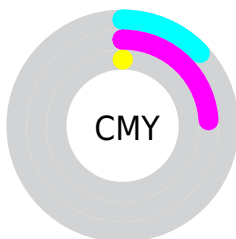
- Red (87%)
- Green (76%)
- Blue (100%)



- Red (87%)
- Yellow (76%)
- Blue (100%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2442, 60.8895, 102.8164 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 67.2442, 60.8895, 102.8164 by changing the saturation by 10% instead.

67.2442, 60.8895,
102.8164

67.2442, 60.8895,
102.8164

440.2323,
427.8687, 590.5087

49.5545, 44.1360,
78.0248

114.3181,
106.1189, 167.1077

35.2759, 30.7774,
57.5777

144.4331,
135.3636, 207.4445

24.0430, 20.4294,
41.0568

179.4205,
169.5409, 253.8001

15.4904, 12.7076,
28.0435

219.6458,
209.0350, 306.5930

9.2529, 7.2275,
18.1191

265.4743,
254.2305, 366.2417

4.9649, 3.6048,
10.8652

317.2713,

2.2612, 1.4550,

305.5117, 433.1649

5.8632

375.4022,
363.2630, 507.7811

■ 0.7747, 0.2568,
2.6947

■ 0.0000, 0.0000,
0.9407

■ 67.2442, 60.8895,
102.8164

■ 67.2442, 60.8895,
102.8164

■ 58.0948, 48.5150,
100.9101

■ 77.7036, 75.3852,
105.0631

■ 50.1925, 38.1505,
99.3261

■ 89.5216, 92.0910,
107.6648

■ 43.4767, 29.6857,
98.0462

95.0500, 100.0000,
108.9000

■ 37.8787, 22.9963,
97.0500

■ 33.3224, 17.9425,
96.3147

■ 29.7200, 14.3628,
95.8136

■ 26.9655, 12.0594,
95.5142

■ 25.6955, 11.1614,
95.4078

Harmonies

Analogous

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



60.1466, 60.8895, 114.7112



67.2442, 60.8895, 102.8164



72.0815, 60.8895, 81.7380

Triad

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



67.2442, 60.8895, 102.8164



63.0397, 60.8895, 35.2590



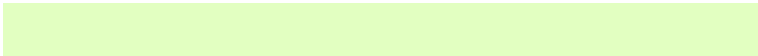
45.0352, 60.8895, 72.9342

Complementary

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



67.2442, 60.8895, 102.8164



76.7508, 91.5396, 64.0785

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.



45.6674, 60.8895, 52.9367



67.2442, 60.8895, 102.8164



55.6587, 60.8895, 33.8791

Square

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



67.2442, 60.8895, 102.8164



69.5151, 60.8895, 43.9234



49.4167, 60.8895, 39.6476



47.6103, 60.8895, 95.2148

Rectangle

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



67.2442, 60.8895, 102.8164



73.1539, 60.8895, 66.8971



49.4167, 60.8895, 39.6476



44.8847, 60.8895, 65.7032

Sweetspot

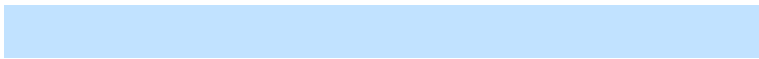
The Sweet Spot groups the original color and five complimentary colors.



67.2460, 60.8920, 102.8168



86.2082, 87.3777, 106.9297



67.2586, 72.9882, 105.1510



18.2958, 18.4807, 22.8528



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.



67.2460, 60.8920, 102.8168



62.7966, 54.8322, 101.8817



77.6048, 66.2321, 103.3016



17.8108, 17.7942, 22.7458



13.5952, 5.9191, 49.8605



1.4485, 0.6406, 4.8606

Inverse Universe

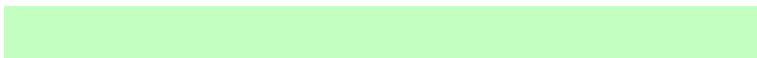
The Inverse Universe completely reimagines the original color for something new.



74.0387, 64.8931, 80.5764



70.7467, 59.5172, 75.7547



67.9102, 86.9820, 63.6647



18.4135, 18.1487, 20.7946



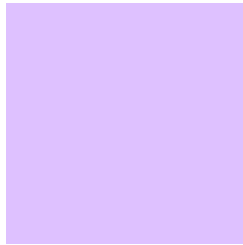
23.9369, 12.0640, 13.5839



2.3859, 1.1967, 1.6134

Previews

White Background



This preview shows how the XYZ color 67.2442, 60.8895, 102.8164 looks on a white background.

Color Contrast Check

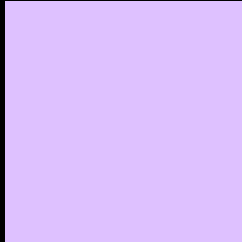
Large Text (above 18pt) WCAG AA × Fail

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 67.2442, 60.8895, 102.8164 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 67.2442, 60.8895, 102.8164

Background



This preview shows how black text looks on a background with the XYZ color 67.2442, 60.8895, 102.8164.



This preview shows how white text looks on a background with the XYZ color 67.2442, 60.8895,

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

67.2442, 60.8895, 102.8164

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

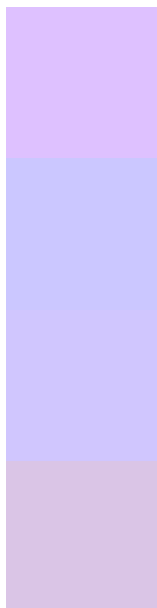
62.4357, 61.1445, 101.4399



Tritanopia

61.3678, 60.8654, 73.4795

Trichromacy



Original Color

67.2442, 60.8895, 102.8164

Protanomaly

63.1020, 60.7634, 103.0104

Deuteranomaly

64.0959, 60.9538, 102.1530

Tritanomaly

63.1626, 60.5511, 83.2214

Monochromacy



Original Color

67.2442, 60.8895, 102.8164

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.8150, 62.4990, 80.7043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2442, 60.8895, 102.8164 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(222, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 193, 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(222, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.2442, 60.8895, 102.8164 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(222, 193, 255) }
```


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

```
.border{ border-color:rgb(222, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2442, 60.8895, 102.8164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 255) }
```

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

```
.background{ background-color: rgb(222,  
193, 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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