

Converting Colors

XYZ(89.2553, 69.1247,
173.5897)

Have a look what the booklet for
XYZ(89.2553, 69.1247, 173.5897)
contains.

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Color

**XYZ(75.8169, 63.6957,
102.9063)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBCFF
RGB	251, 188, 255
RGB Percent	98%, 74%, 100%
CMY	0.0157, 0.2627, 0.0000
CMYK	0.02, 0.26, 0.00, 0.00
HSL	296°, 100%, 87%
HSV	296°, 26%, 100%
XYZ	75.8169, 63.6957, 102.9063
YIQ	214.4750, 16.0410, 34.1930

Conversions

Conversions Part 2

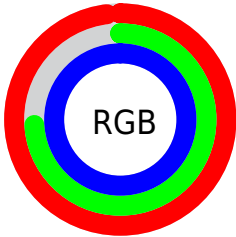
Format	Color
R_{YB}	251, 188, 255
Decimal	16497919
CIE _{Lab}	83.81, 33.51, -24.19
CIE _{LCh}	84, 41.326, 324.172
Yxy	63.6957, 0.3128, 0.2628
Android (android.graphics.Color)	4294687999 (0xFFFFBBCFF)
YUV	214.4750, 19.9788, 32.0324
Hunter-Lab	79.8096, 29.9033, -20.5817

Details

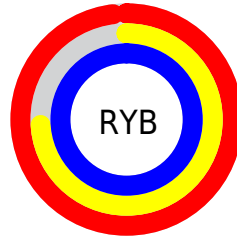
The XYZ color **75.8169, 63.6957, 102.9063** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.5769, 86.3581, 60.7399**, and the grayscale version is **64.1001, 67.4383, 73.4403**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **40.9663, 32.5967, 57.5587** is the 20% darker color. If you saturate the color by 10%, you get **70.2978, 53.4672, 101.2228**, and if you desaturate by 10%, it is **82.3064, 75.8566, 104.9115**.

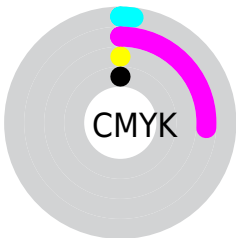
Distribution



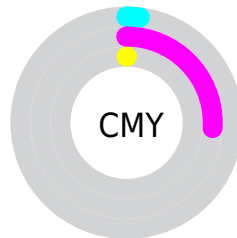
- Red (98%)
- Green (74%)
- Blue (100%)



- Red (98%)
- Yellow (74%)
- Blue (100%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8169, 63.6957, 102.9063 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 75.8169, 63.6957, 102.9063 by changing the saturation by 10% instead.


 75.8169, 63.6957,
102.9063

 75.8169, 63.6957,
102.9063


469.6747,
438.0899, 590.7970

 56.5789, 46.4043,
78.0996


 126.4498,
110.1726, 167.2320

 40.9061, 32.5649,
57.6388


158.5754,
140.1268, 207.5880

 28.4330, 21.7934,
41.1056


195.7276,
175.0707, 253.9643

 18.7945, 13.7052,
28.0813

238.2717,
215.3888, 306.7792

 11.6250, 7.9159,
18.1474

286.5731,
261.4653, 366.4514

 6.5592, 4.0412,
10.8853

340.9972,

 3.2319, 1.6966,

313.6848, 433.3994

5.8766

401.9093,
372.4315, 508.0417

■ 1.2775, 0.4215,
2.7026

■ 0.1663, 0.0000,
0.9447

■ 75.8169, 63.6957,
102.9063

■ 75.8169, 63.6957,
102.9063

■ 70.2978, 53.4672,
101.2228

■ 82.3064, 75.8566,
104.9115

■ 65.6930, 45.0617,
99.8431

■ 89.8078, 90.0357,
107.2530

■ 61.9490, 38.3713,
98.7491

95.0500, 100.0000,
108.9000

■ 59.0045, 33.2735,
97.9203

■ 56.7902, 29.6295,
97.3336

■ 55.2247, 27.2767,
96.9620

■ 54.2069, 26.0127,
96.7717

■ 53.9110, 25.7070,
96.7283

Harmonies

Analogous

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



67.9698, 63.6957, 125.6569



75.8169, 63.6957, 102.9063



79.6093, 63.6957, 74.5521

Triad

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



75.8169, 63.6957, 102.9063



62.3298, 63.6957, 30.5754



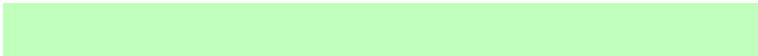
45.9778, 63.6957, 91.8923

Complementary

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



75.8169, 63.6957, 102.9063



66.5769, 86.3581, 60.7399

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.



44.7899, 63.6957, 64.4029



75.8169, 63.6957, 102.9063



53.6740, 63.6957, 33.0263

Square

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



75.8169, 63.6957, 102.9063



71.3385, 63.6957, 36.2178



47.4683, 63.6957, 44.0244



50.8917, 63.6957, 118.2663

Rectangle

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



75.8169, 63.6957, 102.9063



79.0813, 63.6957, 57.8253



47.4683, 63.6957, 44.0244



45.1514, 63.6957, 82.3210

Sweetspot

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



75.8187, 63.6984, 102.9067



88.4374, 87.4377, 106.8237



57.7439, 55.8189, 102.3384



18.6793, 18.2419, 22.7865



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.



75.8187, 63.6984, 102.9067



72.5414, 57.6088, 101.9040



72.9477, 62.7181, 80.1903



18.6793, 18.2419, 22.7865



28.2158, 13.4562, 50.5448



2.7785, 1.3263, 4.9228

Inverse Universe

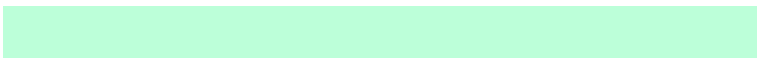
The Inverse Universe completely reimagines the original color for something new.



68.7393, 61.0348, 58.0294



64.3234, 54.5260, 49.3961



69.0296, 87.2237, 78.8682



18.0533, 18.0046, 18.8980



21.6116, 11.1339, 1.3393



2.1190, 1.0900, 0.2080

Previews

White Background



This preview shows how the XYZ color 75.8169, 63.6957, 102.9063 looks on a white background.

Color Contrast Check

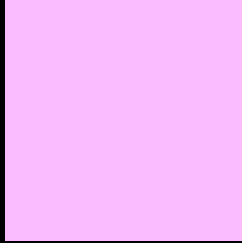
Large Text (above 18pt) WCAG AA × Fail

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 75.8169, 63.6957, 102.9063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

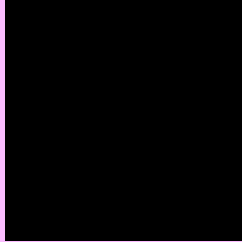
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8169, 63.6957, 102.9063

Background



This preview shows how black text looks on a background with the XYZ color 75.8169, 63.6957, 102.9063.



This preview shows how white text looks on a background with the XYZ color 75.8169, 63.6957,

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

75.8169, 63.6957, 102.9063

Protanopia

63.8946, 64.3375, 103.6585

Deuteranopia

65.4144, 64.1008, 101.0204



Tritanopia

69.1540, 63.5955, 70.2584

Trichromacy



Original Color

75.8169, 63.6957, 102.9063



Protanomaly

67.5519, 63.7450, 103.3514



Deuteranomaly

68.8935, 63.7860, 101.6094



Tritanomaly

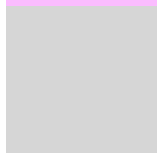
71.2929, 63.4601, 81.1645

Monochromacy



Original Color

75.8169, 63.6957, 102.9063



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.6527, 65.6507, 83.2349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8169, 63.6957, 102.9063 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(251, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 188, 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(251, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.8169, 63.6957, 102.9063 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(251, 188, 255) }
```


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

```
.border{ border-color:rgb(251, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8169, 63.6957, 102.9063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 188, 255) }
```

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

```
.background{ background-color: rgb(251,  
188, 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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