

Converting Colors

XYZ(75.5474, 63.5468,
114.9036)

Have a look what the booklet for
XYZ(75.5474, 63.5468, 114.9036)
contains.

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Color

**XYZ(73.2097, 62.6699,
102.8457)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BDFF
RGB	243, 189, 255
RGB Percent	95%, 74%, 100%
CMY	0.0471, 0.2588, 0.0000
CMYK	0.05, 0.26, 0.00, 0.00
HSL	289°, 100%, 87%
HSV	289°, 26%, 100%
XYZ	73.2097, 62.6699, 102.8457
YIQ	212.6700, 10.9980, 31.9740

Conversions

Conversions Part 2

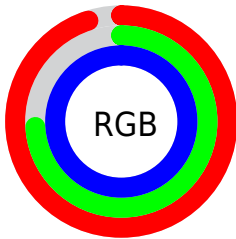
Format	Color
R _Y B	243, 189, 255
Decimal	15973887
CIE Lab	83.27, 30.45, -25.08
CIE LCh	83, 39.450, 320.524
Yxy	62.6699, 0.3067, 0.2625
Android (android.graphics.Color)	4294163967 (0xFFFF3BDFF)
YUV	212.6700, 20.8687, 26.5994
Hunter-Lab	79.1643, 26.5359, -21.6111

Details

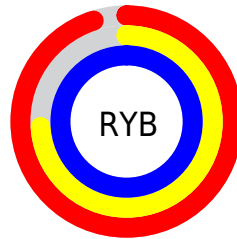
The XYZ color **73.2097, 62.6699, 102.8457** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.0343, 87.6124, 61.4196**, and the grayscale version is **62.8871, 66.1621, 72.0506**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **39.1067, 31.8443, 57.5115** is the 20% darker color. If you saturate the color by 10%, you get **66.6199, 51.8347, 101.1016**, and if you desaturate by 10%, it is **80.8078, 75.4597, 104.9139**.

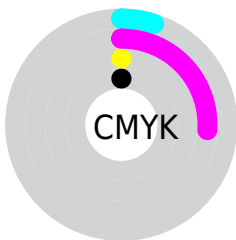
Distribution



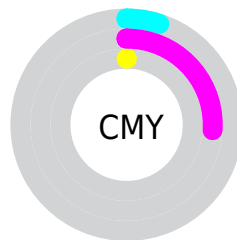
- Red (95%)
- Green (74%)
- Blue (100%)



- Red (95%)
- Yellow (74%)
- Blue (100%)



- Cyan (5%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2097, 62.6699, 102.8457 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 73.2097, 62.6699, 102.8457 by changing the saturation by 10% instead.

73.2097, 62.6699,
102.8457

73.2097, 62.6699,
102.8457

460.8338,
434.3705, 590.6026

54.4364, 45.5742,
78.0491

122.7764,
108.6931, 167.1482

39.1828, 31.9100,
57.5977

154.3005,
138.3895, 207.4913

27.0833, 21.2927,
41.0727

190.8057,
173.0548, 253.8536

17.7727, 13.3381,
28.0558

232.6572,
213.0736, 306.6537

10.8856, 7.6618,
18.1283

280.2204,
258.8301, 366.3101

6.0567, 3.8793,
10.8717

333.8606,

2.9206, 1.6063,

310.7089, 433.2413

5.8676

393.9433,
369.0942, 507.8660

■ 1.1119, 0.3618,
2.6972

■ 0.0350, 0.0000,
0.9420

■ 73.2097, 62.6699,
102.8457

■ 73.2097, 62.6699,
102.8457

■ 66.6199, 51.8347,
101.1016

■ 80.8078, 75.4597,
104.9139

■ 60.9822, 42.8452,
99.6636

■ 89.4558, 90.2900,
107.3206

■ 56.2430, 35.5936,
98.5137

95.0500, 100.0000,
108.9000

■ 52.3410, 29.9577,
97.6315

■ 49.2069, 25.7995,
96.9940

■ 46.7597, 22.9572,
96.5744

■ 44.8990, 21.2305,
96.3392

■ 44.2424, 20.7227,
96.2758

Harmonies

Analogous

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



65.5309, 62.6699, 122.6522



73.2097, 62.6699, 102.8457



77.3393, 62.6699, 76.3039

Triad

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



73.2097, 62.6699, 102.8457



62.3198, 62.6699, 31.4751



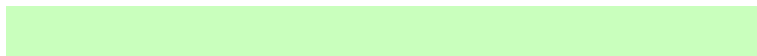
45.4300, 62.6699, 86.1525

Complementary

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



73.2097, 62.6699, 102.8457



69.0343, 87.6124, 61.4196

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.



44.7481, 62.6699, 60.7595



73.2097, 62.6699, 102.8457



53.9743, 62.6699, 32.8996

Square

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



73.2097, 62.6699, 102.8457



70.6663, 62.6699, 37.9111



47.7321, 62.6699, 42.4199



49.6933, 62.6699, 111.5226

Rectangle

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



73.2097, 62.6699, 102.8457



77.2770, 62.6699, 59.9766



47.7321, 62.6699, 42.4199



44.7914, 62.6699, 77.2228

Sweetspot

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



73.2115, 62.6725, 102.8461



87.5326, 86.9712, 106.7814



59.9486, 59.8615, 103.0025



18.4497, 18.1236, 22.7757



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.



73.2115, 62.6725, 102.8461



69.7143, 56.8864, 101.9136



74.3047, 63.6039, 86.2790



18.4497, 18.1236, 22.7757



23.2347, 10.8884, 50.3117



2.3427, 1.1016, 4.9024

Inverse Universe

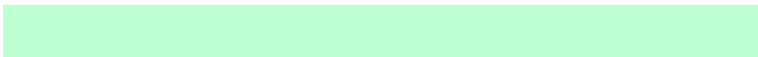
The Inverse Universe completely reimagines the original color for something new.



69.9818, 61.8748, 63.5153



66.0850, 56.0229, 56.2303



68.3685, 86.9879, 74.0968



18.1442, 18.0410, 19.3766



21.8488, 11.2288, 2.5881



2.1620, 1.1072, 0.4346

Previews

White Background



This preview shows how the XYZ color 73.2097, 62.6699, 102.8457 looks on a white background.

Color Contrast Check

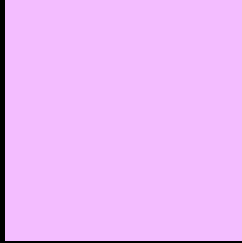
Large Text (above 18pt) WCAG AA × Fail

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 73.2097, 62.6699, 102.8457 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 73.2097, 62.6699, 102.8457

Background



This preview shows how black text looks on a background with the XYZ color 73.2097, 62.6699, 102.8457.



This preview shows how white text looks on a background with the XYZ color 73.2097, 62.6699,

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

73.2097, 62.6699, 102.8457

Protanopia

62.8863, 63.0984, 103.4725

Deuteranopia

64.3802, 62.8620, 100.8358



Tritanopia

66.7750, 62.6905, 70.8684

Trichromacy



Original Color

73.2097, 62.6699, 102.8457



Protanomaly

66.1448, 62.6747, 103.2190



Deuteranomaly

67.1371, 62.5401, 101.4614



Tritanomaly

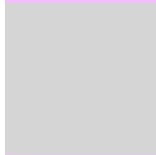
68.8920, 62.5357, 81.8384

Monochromacy



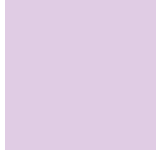
Original Color

73.2097, 62.6699, 102.8457



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.3369, 64.6345, 82.3782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2097, 62.6699, 102.8457 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(243, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 189, 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(243, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.2097, 62.6699, 102.8457 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(243, 189, 255) }
```


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

```
.border{ border-color:rgb(243, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2097, 62.6699, 102.8457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 189, 255) }
```

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

```
.background{ background-color: rgb(243,  
189, 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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