

Converting Colors

XYZ(70.1035, 62.8562, 92.6390)

Have a look what the booklet for
XYZ(70.1035, 62.8562, 92.6390)
contains.

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Color

**XYZ(70.2439, 62.9989,
92.4622)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC2F2
RGB	237, 194, 242
RGB Percent	93%, 76%, 95%
CMY	0.0706, 0.2392, 0.0510
CMYK	0.02, 0.20, 0.00, 0.05
HSL	294°, 65%, 85%
HSV	294°, 20%, 95%
XYZ	70.2439, 62.9989, 92.4622
YIQ	212.3290, 10.2200, 24.0440

Conversions

Conversions Part 2

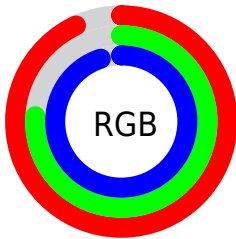
Format	Color
R _Y B	237, 194, 242
Decimal	15581938
CIE Lab	83.44, 23.43, -17.94
CIE LCh	83, 29.510, 322.555
Yxy	62.9989, 0.3112, 0.2791
Android (android.graphics.Color)	4293772018 (0xFFEDC2F2)
YUV	212.3290, 14.6278, 21.6365
Hunter-Lab	79.3718, 19.0714, -13.5081

Details

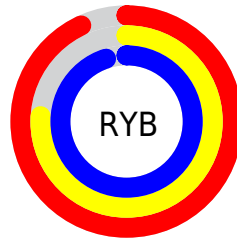
The XYZ color **70.2439, 62.9989, 92.4622** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.0451, 79.5430, 62.9671**, and the grayscale version is **62.7007, 65.9660, 71.8370**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **37.2971, 32.1251, 50.6894** is the 20% darker color. If you saturate the color by 10%, you get **64.4553, 52.6613, 90.7729**, and if you desaturate by 10%, it is **76.9252, 75.1021, 94.4471**.

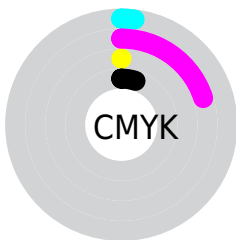
Distribution



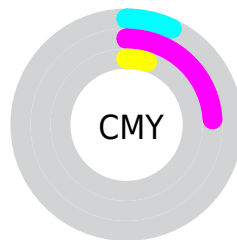
- Red (93%)
- Green (76%)
- Blue (95%)



- Red (93%)
- Yellow (76%)
- Blue (95%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)





- Cyan (7%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.2439, 62.9989, 92.4622 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 70.2439, 62.9989, 92.4622 by changing the saturation by 10% instead.


 70.2439, 62.9989,
92.4622

 70.2439, 62.9989,
92.4622


450.6590,
435.5655, 556.7836

 52.0057, 45.8403,
69.4394


 118.5809,
109.1679, 152.7191

 37.2339, 32.1198,
50.5957


149.4104,
138.9472, 190.7903

 25.5632, 21.4530,
35.5124


185.1677,
173.7021, 234.7146

 16.6281, 13.4556,
23.7712

226.2182,
213.8170, 284.9108

 10.0633, 7.7430,
14.9533

272.9272,
259.6765, 341.7972

 5.5036, 3.9309,
8.6404

325.6601,

 2.5834, 1.6350,

311.6648, 405.7924

4.4138

384.7823,
370.1663, 477.3151

■ 0.9375, 0.3810,
1.8550

■ 0.0000, 0.0000,
0.4639

■ 70.2439, 62.9989,
92.4622

■ 70.2439, 62.9989,
92.4622

■ 64.4553, 52.6613,
90.7729

■ 76.9252, 75.1021,
94.4471

■ 59.5111, 43.9962,
89.3609

■ 84.5330, 89.0417,
96.7368

■ 55.3674, 36.9147,
88.2124

■ 89.2915, 97.2650,
98.0733

■ 51.9738, 31.3159,
87.3106

■ 90.1749, 97.7205,
98.1146

49.2740, 27.0875,
86.6368

91.0704, 98.1821,
98.1565

47.2040, 24.1014,
86.1695

91.9779, 98.6499,
98.1990

45.6872, 22.2048,
85.8834

92.8975, 99.1240,
98.2420

44.5981, 21.1462,
85.7364

93.0272, 99.1909,
98.2481

44.5812, 21.1310,
85.7344

Harmonies

Analogous

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



64.7486, 62.9989, 106.7799



70.2439, 62.9989, 92.4622



72.9978, 62.9989, 73.2878

Triad

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



70.2439, 62.9989, 92.4622



61.4954, 62.9989, 39.1275



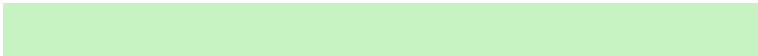
49.1680, 62.9989, 83.0973

Complementary

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



70.2439, 62.9989, 92.4622



65.0451, 79.5430, 62.9671

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.



48.4336, 62.9989, 64.1071



70.2439, 62.9989, 92.4622



55.2590, 62.9989, 40.8089

Square

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



70.2439, 62.9989, 92.4622



67.7171, 62.9989, 44.1422



50.5866, 62.9989, 49.2351



52.6696, 62.9989, 100.7333

Rectangle

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



70.2439, 62.9989, 92.4622



72.7796, 62.9989, 61.1804



50.5866, 62.9989, 49.2351



48.6000, 62.9989, 76.5859

Sweetspot

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



70.2458, 63.0016, 92.4636



89.7779, 90.3227, 107.3100



58.8395, 59.0066, 92.2936



19.0983, 19.1172, 22.9333



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.



70.2458, 63.0016, 92.4636



76.2308, 65.7855, 103.2878



69.3121, 62.8237, 78.7119



16.2826, 15.9429, 19.9407



24.0181, 11.3872, 46.0599



2.0443, 0.9712, 3.8339

Inverse Universe

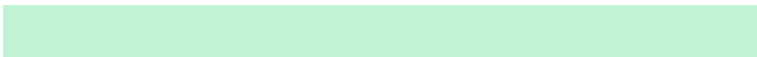
The Inverse Universe completely reimagines the original color for something new.



66.2207, 61.5871, 62.4329



70.9331, 63.9329, 63.3524



65.9367, 79.7489, 74.4725



15.8397, 15.7856, 16.7121



19.7901, 10.1885, 1.5452



1.6685, 0.8564, 0.2452

Previews

White Background



This preview shows how the XYZ color 70.2439, 62.9989, 92.4622 looks on a white background.

Color Contrast Check

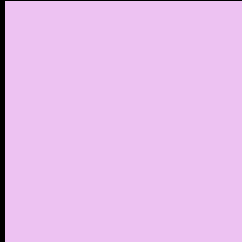
Large Text (above 18pt) WCAG AA × Fail

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 70.2439, 62.9989, 92.4622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

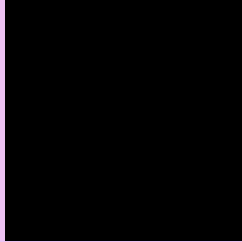
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2439, 62.9989, 92.4622

Background



This preview shows how black text looks on a background with the XYZ color 70.2439, 62.9989, 92.4622.



This preview shows how white text looks on a background with the XYZ color 70.2439, 62.9989,

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

70.2439, 62.9989, 92.4622

Protanopia

62.8798, 63.1869, 99.3246

Deuteranopia

64.5247, 63.1493, 91.2263



Tritanopia

66.1653, 63.0255, 72.2962

Trichromacy



Original Color

70.2439, 62.9989, 92.4622

Protanomaly

65.3496, 63.1026, 96.7314

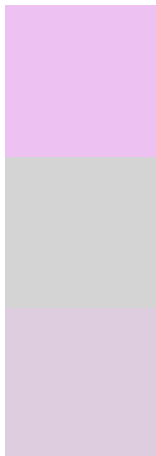
Deuteranomaly

66.6557, 63.1890, 91.9027

Tritanomaly

67.3525, 62.8067, 79.0941

Monochromacy



Original Color

70.2439, 62.9989, 92.4622

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.9694, 64.3625, 78.8110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2439, 62.9989, 92.4622 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(237, 194, 242)` looks like.

```
.text, #text, p{  
    color:rgb(237, 194, 242)  
}
```

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(237, 194, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 194, 242) }
```

Border

The CSS property to change the border of an element to XYZ 70.2439, 62.9989, 92.4622 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(237, 194, 242) }
```


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

```
.border{ border-color:rgb(237, 194, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 194, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 194, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 194, 242);  
box-shadow:4px 4px 4px 4px rgb(237, 194,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2439, 62.9989, 92.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 194, 242) }
```

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

```
.background{ background-color: rgb(237,  
194, 242) }
```

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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