

Converting Colors

XYZ(72.6909, 67.8884, 99.7150)

Have a look what the booklet for
XYZ(72.6909, 67.8884, 99.7150)
contains.

| | |
|--|----|
| XYZ(72.6909, 67.8884, 99.7150) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(72.6909, 67.8884,
99.7150)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E9CDFA |
| RGB | 233, 205, 250 |
| RGB Percent | 91%, 80%, 98% |
| CMY | 0.0863, 0.1961, 0.0196 |
| CMYK | 0.07, 0.18, 0.00, 0.02 |
| HSL | 277°, 82%, 89% |
| HSV | 277°, 18%, 98% |
| XYZ | 72.6909, 67.8884, 99.7150 |
| YIQ | 218.5020, 2.2430, 19.9310 |

Conversions

Conversions Part 2

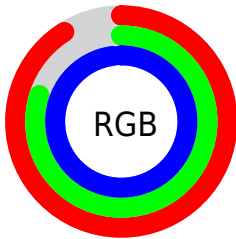
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 233, 205, 250 |
| Decimal | 15322618 |
| CIE Lab | 85.95, 17.80, -18.44 |
| CIE LCh | 86, 25.636, 313.989 |
| Yxy | 67.8884, 0.3025, 0.2825 |
| Android (android.graphics.Color) | 4293512698 (0xFFE9CDFA) |
| YUV | 218.5020, 15.5285, 12.7147 |
| Hunter-Lab | 82.3944, 13.2880, -14.0776 |

Details

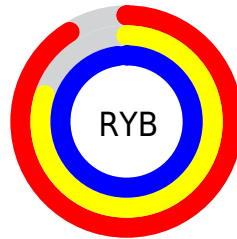
The XYZ color **72.6909, 67.8884, 99.7150** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.3316, 88.3103, 70.8361**, and the grayscale version is **66.8838, 70.3670, 76.6297**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8237, 35.3306, 55.2253** is the 20% darker color. If you saturate the color by 10%, you get **64.1811, 55.3234, 97.7393**, and if you desaturate by 10%, it is **82.3253, 82.4552, 102.0199**.

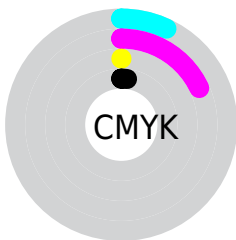
Distribution



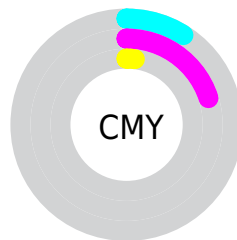
- Red (91%)
- Green (80%)
- Blue (98%)



- Red (91%)
- Yellow (80%)
- Blue (98%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6909, 67.8884, 99.7150 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 72.6909, 67.8884, 99.7150 by changing the saturation by 10% instead.

72.6909, 67.8884,
99.7150

72.6909, 67.8884,
99.7150

459.0632,
453.1005, 580.5174

54.0107, 49.8069,
75.4470

122.0438,
116.1925, 162.8139

38.8409, 35.2600,
55.4752

153.4472,
147.1839, 202.4819

26.8162, 23.8632,
39.3812

189.8225,
183.2474, 248.1203

17.5711, 15.2322,
26.7463

231.5349,
224.7674, 300.1477

10.7403, 8.9825,
17.1520

278.9498,
272.1284, 358.9825

5.9585, 4.7298,
10.1798

332.4326,

2.8603, 2.0896,

325.7146, 425.0434

5.4112

392.3486,
385.9105, 498.7489

■ 1.0803, 0.6588,
2.4276

■ 0.0085, 0.0000,
0.8014

■ 72.6909, 67.8884,
99.7150

■ 72.6909, 67.8884,
99.7150

■ 64.1811, 55.3234,
97.7393

■ 82.3253, 82.4552,
102.0199

■ 56.7420, 44.6595,
96.0730

■ 93.1212, 99.0975,
104.6632

■ 50.3239, 35.8006,
94.7013

■ 94.2555, 99.6822,
104.7163

■ 44.8707, 28.6380,
93.6062

■ 40.3201, 23.0514,
92.7678

■ 36.6017, 18.9039,
92.1632

■ 33.6325, 16.0342,
91.7658

■ 31.3009, 14.2235,
91.5392

■ 30.8793, 13.9255,
91.5039

Harmonies

Analogous

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



67.2943, 67.8884, 109.9520



72.6909, 67.8884, 99.7150



76.0006, 67.8884, 83.2034

Triad

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



72.6909, 67.8884, 99.7150



67.6911, 67.8884, 46.9863



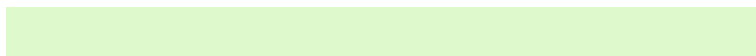
54.1766, 67.8884, 82.0156

Complementary

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



72.6909, 67.8884, 99.7150



75.3316, 88.3103, 70.8361

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.



54.2685, 67.8884, 65.3522



72.6909, 67.8884, 99.7150



61.8344, 67.8884, 46.7682

Square

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



72.6909, 67.8884, 99.7150



72.9966, 67.8884, 53.6556



56.9964, 67.8884, 53.0061



56.7373, 67.8884, 98.7325

Rectangle

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



72.6909, 67.8884, 99.7150



76.4596, 67.8884, 71.6921



56.9964, 67.8884, 53.0061



53.9034, 67.8884, 76.1914

Sweetspot

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



72.6930, 67.8913, 99.7165



89.3666, 91.2310, 107.5070



68.6225, 72.2595, 100.7742



18.9625, 19.2729, 22.9706



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.



72.6930, 67.8913, 99.7165



72.3183, 65.4804, 103.4351



77.7009, 70.5668, 95.7131



17.3206, 17.1779, 21.7881



16.5441, 7.4715, 48.5437



1.6499, 0.7527, 4.5015

Inverse Universe

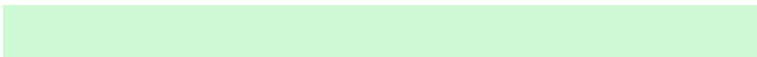
The Inverse Universe completely reimagines the original color for something new.



74.4428, 69.2635, 78.5560



74.5712, 67.2332, 76.8226



71.0289, 86.0177, 73.9987



17.5159, 17.3337, 19.3063



22.0586, 11.2392, 7.0169



2.0927, 1.0608, 0.9114

Previews

White Background



This preview shows how the XYZ color 72.6909, 67.8884, 99.7150 looks on a white background.

Color Contrast Check

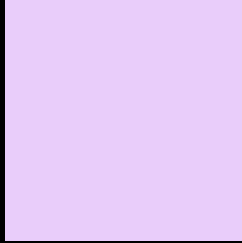
Large Text (above 18pt) WCAG AA × Fail

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 72.6909, 67.8884, 99.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

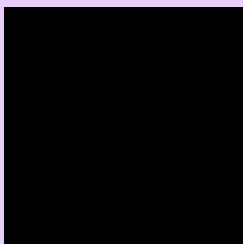
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6909, 67.8884, 99.7150

Background



This preview shows how black text looks on a background with the XYZ color 72.6909, 67.8884, 99.7150.



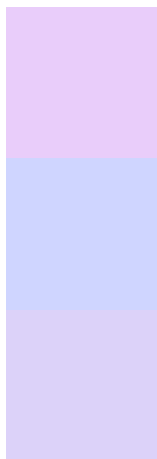
This preview shows how white text looks on a background with the XYZ color 72.6909, 67.8884,

99.7150.

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

72.6909, 67.8884, 99.7150

Protanopia

67.5764, 68.0739, 104.1857

Deuteranopia

69.6607, 68.1484, 99.1050



Tritanopia

68.8410, 67.7499, 81.4002

Trichromacy



Original Color

72.6909, 67.8884, 99.7150

Protanomaly

69.0951, 67.7840, 102.3704

Deuteranomaly

70.7061, 67.9589, 99.0133

Tritanomaly

70.1844, 67.9329, 88.0105

Monochromacy



Original Color

72.6909, 67.8884, 99.7150

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.0700, 69.6536, 84.6670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6909, 67.8884, 99.7150 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(233, 205, 250)` looks like.

```
.text, #text, p{  
    color:rgb(233, 205, 250)  
}
```

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(233, 205, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 205, 250) }
```

Border

The CSS property to change the border of an element to XYZ 72.6909, 67.8884, 99.7150 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(233, 205, 250) }
```


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

```
.border{ border-color:rgb(233, 205, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 205, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 205, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 205, 250);  
box-shadow:4px 4px 4px 4px rgb(233, 205,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6909, 67.8884, 99.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 205, 250) }
```

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

```
.background{ background-color: rgb(233,  
205, 250) }
```

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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