

Converting Colors

XYZ(75.5393, 72.7878,
116.4752)

Have a look what the booklet for
XYZ(75.5393, 72.7878, 116.4752)
contains.

XYZ(73.0909, 71.6682, 104.5888)	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(73.0909, 71.6682,
104.5888)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D7FF
RGB	224, 215, 255
RGB Percent	88%, 84%, 100%
CMY	0.1216, 0.1568, 0.0000
CMYK	0.12, 0.16, 0.00, 0.00
HSL	253°, 100%, 92%
HSV	253°, 16%, 100%
XYZ	73.0909, 71.6682, 104.5888
YIQ	222.2510, -7.4760, 14.3480

Conversions

Conversions Part 2

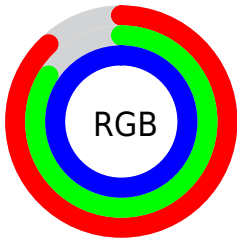
Format	Color
R _Y B	224, 215, 255
Decimal	14735359
CIE Lab	87.81, 10.63, -18.36
CIE LCh	88, 21.212, 300.083
Yxy	71.6682, 0.2931, 0.2874
Android (android.graphics.Color)	4292925439 (0xFFE0D7FF)
YUV	222.2510, 16.1453, 1.5339
Hunter-Lab	84.6571, 5.9628, -13.9893

Details

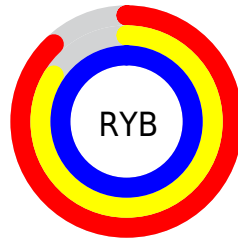
The XYZ color **73.0909, 71.6682, 104.5888** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.0335, 96.0199, 78.2927**, and the grayscale version is **69.5035, 73.1231, 79.6310**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1260, 37.6538, 58.6318** is the 20% darker color. If you saturate the color by 10%, you get **61.3237, 56.7040, 102.3206**, and if you desaturate by 10%, it is **86.5860, 89.0292, 107.2285**.

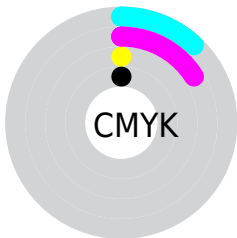
Distribution



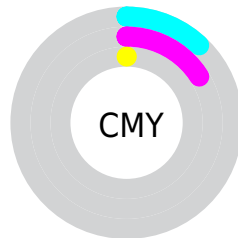
- Red (88%)
- Green (84%)
- Blue (100%)



- Red (88%)
- Yellow (84%)
- Blue (100%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0909, 71.6682, 104.5888 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 73.0909, 71.6682, 104.5888 by changing the saturation by 10% instead.

73.0909, 71.6682,
104.5888

73.0909, 71.6682,
104.5888

460.4287,
466.3859, 596.1786

54.3389, 52.8877,
79.5002

122.6087,
121.5847, 169.5557

39.1044, 37.7131,
58.7834

154.1052,
153.4894, 210.2712

27.0221, 25.7601,
42.0199

190.5806,
190.5377, 257.0326

17.7265, 16.6443,
28.7912

232.4003,
233.1139, 310.2585

10.8523, 9.9812,
18.6787

279.9296,
281.6024, 370.3676

6.0342, 5.3865,
11.2639

333.5339,

2.9067, 2.4758,

336.3877, 437.7782

6.1282

393.5785,
397.8540, 512.9091

■ 1.1046, 0.8645,
2.8532

■ 0.0290, 0.0000,
1.0202

■ 73.0909, 71.6682,
104.5888

■ 73.0909, 71.6682,
104.5888

■ 61.3237, 56.7040,
102.3206

■ 86.5860, 89.0292,
107.2285

■ 51.2075, 44.0218,
100.4059

95.0500, 100.0000,
108.9000

■ 42.6682, 33.5106,
98.8271

■ 35.6235, 25.0464,
97.5646

■ 29.9836, 18.4923,
96.5968

■ 25.6481, 13.6946,
95.8993

■ 22.5025, 10.4747,
95.4436

■ 20.4093, 8.6140,
95.1947

■ 19.7581, 8.1006,
95.1299

Harmonies

Analogous

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



68.1325, 71.6682, 109.1981



73.0909, 71.6682, 104.5888



76.8652, 71.6682, 92.7064

Triad

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



73.0909, 71.6682, 104.5888



73.0654, 71.6682, 56.3719



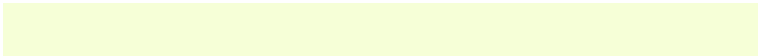
58.8826, 71.6682, 78.0748

Complementary

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



73.0909, 71.6682, 104.5888



86.0335, 96.0199, 78.2927

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.



60.0618, 71.6682, 64.9985



73.0909, 71.6682, 104.5888



68.1044, 71.6682, 53.4475

Square

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



73.0909, 71.6682, 104.5888



76.8500, 71.6682, 64.9368



63.3768, 71.6682, 56.4044



60.0747, 71.6682, 92.7846

Rectangle

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



73.0909, 71.6682, 104.5888



78.1142, 71.6682, 82.9110



63.3768, 71.6682, 56.4044



59.0141, 71.6682, 73.3531

Sweetspot

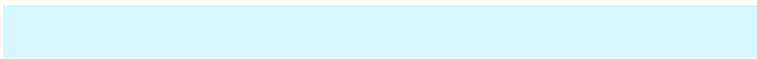
The Sweet Spot groups the original color and five complimentary colors.



73.0929, 71.6711, 104.5892



87.5740, 90.3069, 107.4231



79.1334, 87.7830, 107.3808



18.5273, 19.0486, 22.9502



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.



73.0929, 71.6711, 104.5892



69.0029, 66.4485, 103.7967



79.5449, 74.9972, 104.8912



17.3852, 17.5748, 22.7259



10.4287, 4.2867, 49.7123



1.1047, 0.4634, 4.8445

Inverse Universe

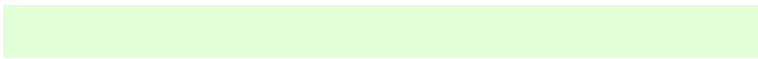
The Inverse Universe completely reimagines the original color for something new.



82.1767, 76.5175, 97.6293



79.7884, 72.2057, 95.4001



79.4962, 92.6498, 77.9867



18.6075, 18.2263, 21.8163



26.9121, 13.2541, 29.2513



2.6612, 1.3068, 3.0632

Previews

White Background



This preview shows how the XYZ color 73.0909, 71.6682, 104.5888 looks on a white background.

Color Contrast Check

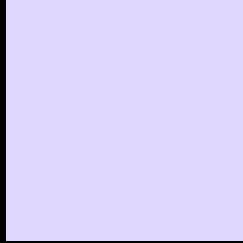
Large Text (above 18pt) WCAG AA × Fail

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 73.0909, 71.6682, 104.5888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

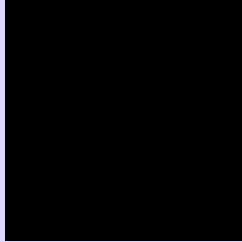
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0909, 71.6682, 104.5888

Background



This preview shows how black text looks on a background with the XYZ color 73.0909, 71.6682, 104.5888.

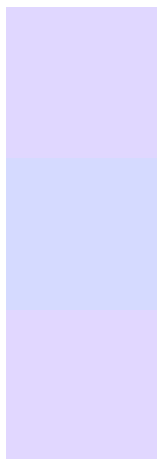


This preview shows how white text looks on a background with the XYZ color 73.0909, 71.6682,

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

73.0909, 71.6682, 104.5888

Protanopia

70.5620, 71.5089, 104.6913

Deuteranopia

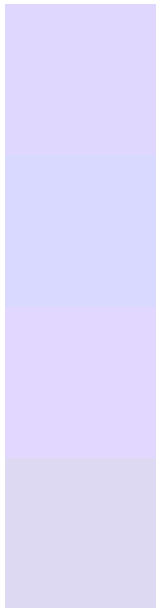
73.4018, 71.8284, 104.6033



Tritanopia

70.0305, 71.5711, 89.4805

Trichromacy



Original Color

73.0909, 71.6682, 104.5888

Protanomaly

71.4781, 71.5974, 104.6601

Deuteranomaly

73.4018, 71.8284, 104.6033

Tritanomaly

71.1147, 71.6264, 94.8711

Monochromacy



Original Color

73.0909, 71.6682, 104.5888

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.6142, 72.2915, 88.0738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0909, 71.6682, 104.5888 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(224, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 215, 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(224, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.0909, 71.6682, 104.5888 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(224, 215, 255) }
```


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

```
.border{ border-color:rgb(224, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0909, 71.6682, 104.5888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 215, 255) }
```

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

```
.background{ background-color: rgb(224,  
215, 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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