

Converting Colors

XYZ(98.9659, 82.0021,
238.1742)

Have a look what the booklet for
XYZ(98.9659, 82.0021, 238.1742)
contains.

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Color

**XYZ(73.7145, 71.9896,
104.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D7FF
RGB	226, 215, 255
RGB Percent	89%, 84%, 100%
CMY	0.1137, 0.1568, 0.0000
CMYK	0.11, 0.16, 0.00, 0.00
HSL	256°, 100%, 92%
HSV	256°, 16%, 100%
XYZ	73.7145, 71.9896, 104.6180
YIQ	222.8490, -6.2840, 14.7720

Conversions

Conversions Part 2

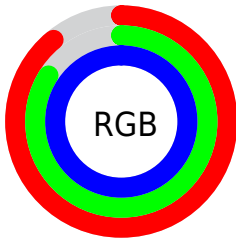
Format	Color
R _Y B	226, 215, 255
Decimal	14866431
CIE _{Lab}	87.96, 11.26, -18.11
CIE _{LCh}	88, 21.324, 301.886
Y _{xy}	71.9896, 0.2945, 0.2876
Android (android.graphics.Color)	4293056511 (0xFFE2D7FF)
Y _{UV}	222.8490, 15.8504, 2.7634
Hunter-Lab	84.8467, 6.5985, -13.7133

Details

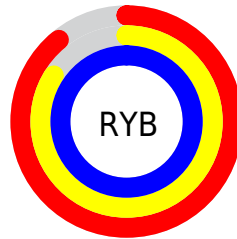
The XYZ color **73.7145, 71.9896, 104.6180** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.3355, 95.6601, 78.2599**, and the grayscale version is **69.9281, 73.5698, 80.1175**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3414, 37.7649, 58.6419** is the 20% darker color. If you saturate the color by 10%, you get **62.2324, 57.1724, 102.3631**, and if you desaturate by 10%, it is **86.8377, 89.1589, 107.2403**.

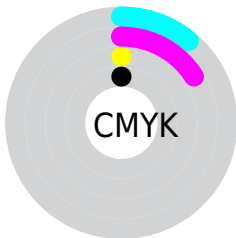
Distribution



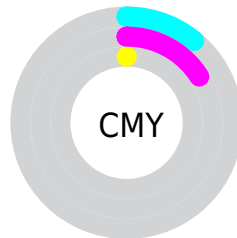
- Red (89%)
- Green (84%)
- Blue (100%)



- Red (89%)
- Yellow (84%)
- Blue (100%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7145, 71.9896, 104.6180 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 73.7145, 71.9896, 104.6180 by changing the saturation by 10% instead.

73.7145, 71.9896,
104.6180

73.7145, 71.9896,
104.6180

462.5530,
467.5054, 596.2718

54.8509, 53.1502,
79.5245

123.4887,
122.0417, 169.5960

39.5157, 37.9227,
58.8033

155.1299,
154.0233, 210.3177

27.3437, 25.9227,
42.0358

191.7611,
191.1543, 257.0857

17.9694, 16.7658,
28.8036

233.7475,
233.8191, 310.3188

11.0276, 10.0677,
18.6880

281.4546,
282.4023, 370.4354

6.1528, 5.4438,
11.2705

335.2476,

2.9798, 2.5100,

337.2881, 437.8541

6.1326

395.4919,
398.8610, 512.9933

■ 1.1431, 0.8816,
2.8558

■ 0.0607, 0.0000,
1.0215

■ 73.7145, 71.9896,
104.6180

■ 73.7145, 71.9896,
104.6180

■ 62.2324, 57.1724,
102.3631

■ 86.8377, 89.1589,
107.2403

■ 52.3190, 44.5948,
100.4579

95.0500, 100.0000,
108.9000

■ 43.9051, 34.1483,
98.8850

■ 36.9138, 25.7115,
97.6250

■ 31.2609, 19.1508,
96.6566

■ 26.8527, 14.3156,
95.9556

■ 23.5819, 11.0312,
95.4941

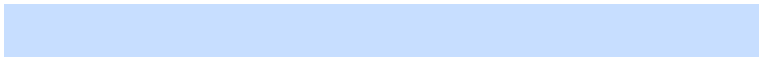
■ 21.3195, 9.0832,
95.2373

■ 20.5843, 8.5265,
95.1686

Harmonies

Analogous

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



68.7459, 71.9896, 109.8002



73.7145, 71.9896, 104.6180



77.4061, 71.9896, 92.3197

Triad

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



73.7145, 71.9896, 104.6180



73.1309, 71.9896, 56.2088



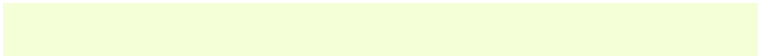
59.1182, 71.9896, 79.3088

Complementary

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



73.7145, 71.9896, 104.6180



85.3355, 95.6601, 78.2599

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.



60.1650, 71.9896, 65.9272



73.7145, 71.9896, 104.6180



68.1030, 71.9896, 53.6174

Square

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



73.7145, 71.9896, 104.6180



77.0576, 71.9896, 64.5164



63.3928, 71.9896, 56.9496



60.4606, 71.9896, 94.1097

Rectangle

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



73.7145, 71.9896, 104.6180



78.5569, 71.9896, 82.3995



63.3928, 71.9896, 56.9496



59.2022, 71.9896, 74.5019

Sweetspot

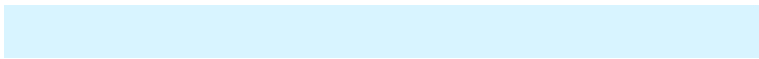
The Sweet Spot groups the original color and five complimentary colors.



73.7165, 71.9925, 104.6184



87.7970, 90.4219, 107.4335



78.5273, 86.5708, 107.1787



18.5813, 19.0764, 22.9527



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.



73.7165, 71.9925, 104.6184



69.7305, 66.8236, 103.8308



80.2413, 75.3562, 104.9238



17.4717, 17.6194, 22.7300



10.8781, 4.5184, 49.7334



1.1591, 0.4914, 4.8470

Inverse Universe

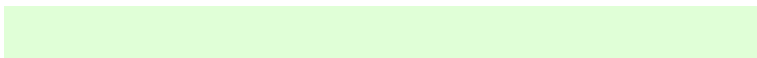
The Inverse Universe completely reimagines the original color for something new.



81.8712, 76.3952, 96.0207



79.4226, 72.0594, 93.4736



78.8714, 92.3278, 77.9574



18.5670, 18.2101, 21.6032



26.1843, 12.9630, 25.4188



2.5956, 1.2806, 2.7180

Previews

White Background



This preview shows how the XYZ color 73.7145, 71.9896, 104.6180 looks on a white background.

Color Contrast Check

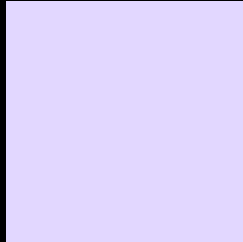
Large Text (above 18pt) WCAG AA × Fail

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 73.7145, 71.9896, 104.6180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

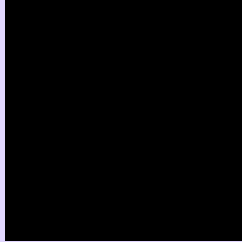
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7145, 71.9896, 104.6180

Background



This preview shows how black text looks on a background with the XYZ color 73.7145, 71.9896, 104.6180.

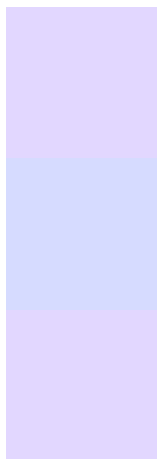


This preview shows how white text looks on a background with the XYZ color 73.7145, 71.9896,

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

73.7145, 71.9896, 104.6180

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

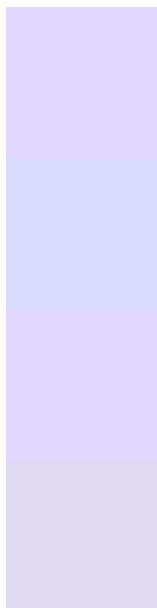
73.7145, 71.9896, 104.6180



Tritanopia

70.6432, 71.8869, 89.5091

Trichromacy



Original Color

73.7145, 71.9896, 104.6180

Protanomaly

72.0348, 72.2682, 104.7603

Deuteranomaly

73.7145, 71.9896, 104.6180

Tritanomaly

71.7310, 71.9441, 94.9000

Monochromacy



Original Color

73.7145, 71.9896, 104.6180

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.3291, 73.0319, 88.9344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7145, 71.9896, 104.6180 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(226, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.7145, 71.9896, 104.6180 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(226, 215, 255) }
```


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

```
.border{ border-color:rgb(226, 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(226, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7145, 71.9896, 104.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 215, 255) }
```

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

```
.background{ background-color: rgb(226,  
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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