

Converting Colors

XYZ(73.8128, 70.2945,
104.2856)

Have a look what the booklet for
XYZ(73.8128, 70.2945, 104.2856)
contains.

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Color

**XYZ(73.7297, 70.1362,
104.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D2FF
RGB	230, 210, 255
RGB Percent	90%, 82%, 100%
CMY	0.0980, 0.1765, 0.0000
CMYK	0.10, 0.18, 0.00, 0.00
HSL	267°, 100%, 91%
HSV	267°, 18%, 100%
XYZ	73.7297, 70.1362, 104.2594
YIQ	221.1100, -2.5250, 18.2350

Conversions

Conversions Part 2

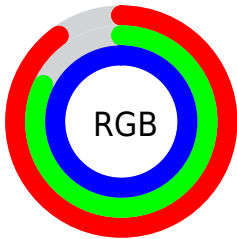
Format	Color
R _Y B	230, 210, 255
Decimal	15127295
CIE Lab	87.06, 15.17, -19.43
CIE LCh	87, 24.655, 307.987
Yxy	70.1362, 0.2971, 0.2827
Android (android.graphics.Color)	4293317375 (0xFFE6D2FF)
YUV	221.1100, 16.7078, 7.7965
Hunter-Lab	83.7474, 10.5904, -15.1886

Details

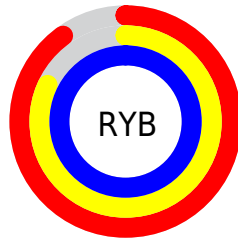
The XYZ color **73.7297, 70.1362, 104.2594** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.6555, 93.8361, 74.7846**, and the grayscale version is **68.6939, 72.2713, 78.7034**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3699, 36.5186, 58.3999** is the 20% darker color. If you saturate the color by 10%, you get **63.5658, 56.2850, 102.1216**, and if you desaturate by 10%, it is **85.2701, 86.1897, 106.7498**.

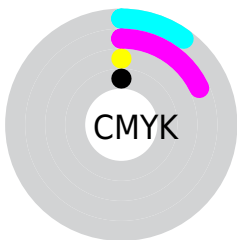
Distribution



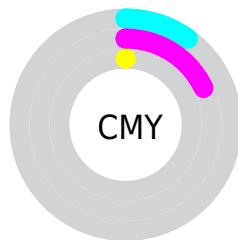
- Red (90%)
- Green (82%)
- Blue (100%)



- Red (90%)
- Yellow (82%)
- Blue (100%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7297, 70.1362, 104.2594 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 73.7297, 70.1362, 104.2594 by changing the saturation by 10% instead.

73.7297, 70.1362,
104.2594

73.7297, 70.1362,
104.2594

462.6047,
461.0281, 595.1270

54.8633, 51.6376,
79.2258

123.5101,
119.4030, 169.1011

39.5257, 36.7163,
58.5591

155.1549,
150.9399, 209.7463

27.3515, 24.9879,
41.8406

191.7898,
187.5917, 256.4325

17.9753, 16.0680,
28.6519

233.7803,
229.7428, 309.5782

11.0319, 9.5723,
18.5743

281.4917,
277.7776, 369.6020

6.1557, 5.1163,
11.1894

335.2893,

2.9816, 2.3157,

332.0805, 436.9224

6.0786

395.5385,
393.0359, 511.9578

■ 1.1440, 0.7820,
2.8234

■ 0.0615, 0.0000,
1.0052

■ 73.7297, 70.1362,
104.2594

■ 73.7297, 70.1362,
104.2594

■ 63.5658, 56.2850,
102.1216

■ 85.2701, 86.1897,
106.7498

■ 54.7163, 44.5283,
100.3187

95.0500, 100.0000,
108.9000

■ 47.1231, 34.7618,
98.8338

■ 40.7205, 26.8685,
97.6477

■ 35.4366, 20.7190,
96.7392

■ 31.1903, 16.1664,
96.0843

■ 27.8873, 13.0385,
95.6546

■ 25.4063, 11.1091,
95.4129

■ 24.9024, 10.7525,
95.3707

Harmonies

Analogous

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



68.2164, 70.1362, 112.3689



73.7297, 70.1362, 104.2594



77.4910, 70.1362, 88.9114

Triad

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



73.7297, 70.1362, 104.2594



70.9098, 70.1362, 50.5247



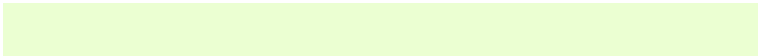
56.2638, 70.1362, 80.8687

Complementary

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



73.7297, 70.1362, 104.2594



81.6555, 93.8361, 74.7846

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.



56.8927, 70.1362, 65.0606



73.7297, 70.1362, 104.2594



65.1321, 70.1362, 49.0145

Square

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



73.7297, 70.1362, 104.2594



75.7985, 70.1362, 58.4251



60.0617, 70.1362, 53.9529



58.2915, 70.1362, 97.6491

Rectangle

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



73.7297, 70.1362, 104.2594



78.3814, 70.1362, 77.4886



60.0617, 70.1362, 53.9529



56.1738, 70.1362, 75.2551

Sweetspot

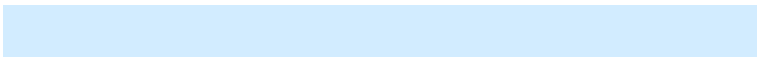
The Sweet Spot groups the original color and five complimentary colors.



73.7316, 70.1391, 104.2599



88.5584, 90.8144, 107.4691



74.4822, 80.6271, 106.2447



18.7661, 19.1717, 22.9614



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.



73.7316, 70.1391, 104.2599



70.1707, 65.2510, 103.5040



81.2429, 74.0113, 104.6114



17.7693, 17.7728, 22.7439



13.1775, 5.7037, 49.8410



1.4063, 0.6189, 4.8586

Inverse Universe

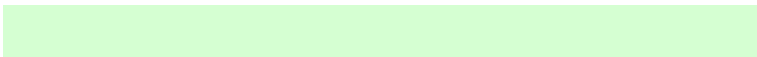
The Inverse Universe completely reimagines the original color for something new.



79.2837, 73.3541, 88.5797



76.6839, 69.0243, 85.0316



74.8355, 90.3203, 74.4655



18.4319, 18.1561, 20.8913



24.1635, 12.1547, 14.7775



2.4077, 1.2055, 1.7286

Previews

White Background



This preview shows how the XYZ color 73.7297, 70.1362, 104.2594 looks on a white background.

Color Contrast Check

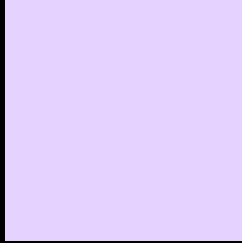
Large Text (above 18pt) WCAG AA × Fail

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 73.7297, 70.1362, 104.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

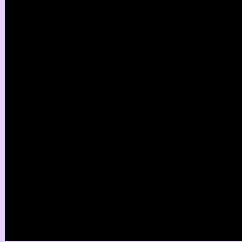
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7297, 70.1362, 104.2594

Background



This preview shows how black text looks on a background with the XYZ color 73.7297, 70.1362, 104.2594.

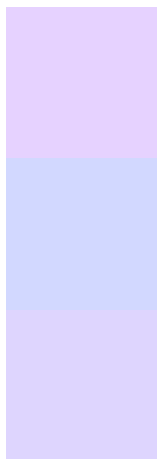


This preview shows how white text looks on a background with the XYZ color 73.7297, 70.1362,

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

73.7297, 70.1362, 104.2594

Protanopia

69.1842, 70.0334, 104.4791

Deuteranopia

71.8078, 70.2739, 103.5455



Tritanopia

69.8344, 70.0314, 85.4380

Trichromacy



Original Color

73.7297, 70.1362, 104.2594

Protanomaly

70.7118, 70.0648, 104.4047

Deuteranomaly

72.4842, 70.2503, 103.5053

Tritanomaly

71.2010, 70.2107, 92.2374

Monochromacy



Original Color

73.7297, 70.1362, 104.2594

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.2613, 71.3562, 87.1607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7297, 70.1362, 104.2594 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(230, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 210, 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(230, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.7297, 70.1362, 104.2594 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(230, 210, 255) }
```


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

```
.border{ border-color:rgb(230, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7297, 70.1362, 104.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 210, 255) }
```

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

```
.background{ background-color: rgb(230,  
210, 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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