

Converting Colors

XYZ(74.6181, 72.9057,
110.5771)

Have a look what the booklet for
XYZ(74.6181, 72.9057, 110.5771)
contains.

XYZ(73.6033, 72.6930, 104.7596)	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(73.6033, 72.6930,
104.7596)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D9FF
RGB	224, 217, 255
RGB Percent	88%, 85%, 100%
CMY	0.1216, 0.1490, 0.0000
CMYK	0.12, 0.15, 0.00, 0.00
HSL	251°, 100%, 93%
HSV	251°, 15%, 100%
XYZ	73.6033, 72.6930, 104.7596
YIQ	223.4250, -8.0260, 13.3020

Conversions

Conversions Part 2

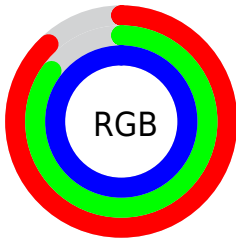
Format	Color
R_{YB}	224, 217, 255
Decimal	14735871
CIE _{Lab}	88.30, 9.58, -17.61
CIE _{LCh}	88, 20.049, 298.537
Yxy	72.6930, 0.2932, 0.2895
Android (android.graphics.Color)	4292925951 (0xFFE0D9FF)
YUV	223.4250, 15.5665, 0.5043
Hunter-Lab	85.2602, 4.8899, -13.1678

Details

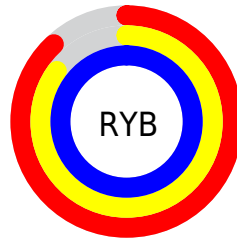
The XYZ color **73.6033, 72.6930, 104.7596** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.9975, 96.4870, 79.6877**, and the grayscale version is **70.3400, 74.0031, 80.5894**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4756, 38.3529, 58.7483** is the 20% darker color. If you saturate the color by 10%, you get **61.4738, 57.4266, 102.4522**, and if you desaturate by 10%, it is **87.5412, 90.4029, 107.4433**.

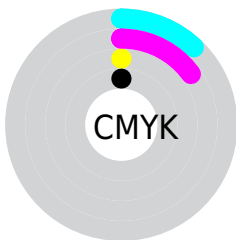
Distribution



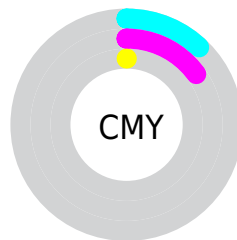
- Red (88%)
- Green (85%)
- Blue (100%)



- Red (88%)
- Yellow (85%)
- Blue (100%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6033, 72.6930, 104.7596 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 73.6033, 72.6930, 104.7596 by changing the saturation by 10% instead.

73.6033, 72.6930,
104.7596

73.6033, 72.6930,
104.7596

462.1746,
469.9501, 596.7235

54.7595, 53.7250,
79.6424

123.3318,
123.0413, 169.7914

39.4423, 38.3818,
58.8997

154.9473,
155.1903, 210.5432

27.2863, 26.2792,
42.1129

191.5507,
192.5018, 257.3436

17.9260, 17.0326,
28.8635

233.5075,
235.3602, 310.6111

10.9963, 10.2577,
18.7329

281.1829,
284.1498, 370.7643

6.1316, 5.5702,
11.3026

334.9423,

2.9667, 2.5855,

339.2551, 438.2217

6.1540

395.1511,
401.0604, 513.4020

■ 1.1362, 0.9194,
2.8687

■ 0.0551, 0.0000,
1.0280

■ 73.6033, 72.6930,
104.7596

■ 73.6033, 72.6930,
104.7596

■ 61.4738, 57.4266,
102.4522

■ 87.5412, 90.4029,
107.4433

■ 51.0718, 44.4874,
100.5029

95.0500, 100.0000,
108.9000

■ 42.3192, 33.7627,
98.8941

■ 35.1295, 25.1266,
97.6061

■ 29.4078, 18.4409,
96.6172

■ 25.0488, 13.5501,
95.9029

■ 21.9320, 10.2743,
95.4349

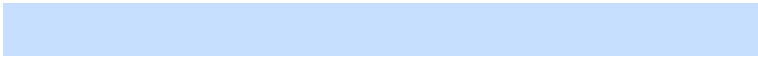
■ 19.9140, 8.3947,
95.1785

■ 19.2205, 7.8234,
95.1048

Harmonies

Analogous

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



68.8568, 72.6930, 108.6743



73.6033, 72.6930, 104.7596



77.2810, 72.6930, 93.7875

Triad

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



73.6033, 72.6930, 104.7596



74.0304, 72.6930, 58.6484



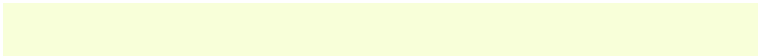
60.2576, 72.6930, 78.4765

Complementary

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



73.6033, 72.6930, 104.7596



86.9975, 96.4870, 79.6877

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.



61.5039, 72.6930, 66.1212



73.6033, 72.6930, 104.7596



69.3287, 72.6930, 55.5256

Square

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



73.6033, 72.6930, 104.7596



77.5355, 72.6930, 67.1648



64.7699, 72.6930, 58.0968



61.2858, 72.6930, 92.4831

Rectangle

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



73.6033, 72.6930, 104.7596



78.5536, 72.6930, 84.5288



64.7699, 72.6930, 58.0968



60.4233, 72.6930, 74.0050

Sweetspot

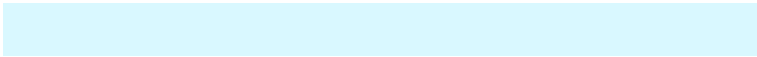
The Sweet Spot groups the original color and five complimentary colors.



73.6053, 72.6959, 104.7600



88.8864, 92.1196, 107.7038



80.2447, 89.1284, 107.5819



18.7845, 19.4100, 23.0064



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.



73.6053, 72.6959, 104.7600



69.6549, 67.7066, 104.0052



79.8154, 75.8974, 105.0507



17.3150, 17.5386, 22.7226



10.1322, 4.1338, 49.6985



1.0663, 0.4436, 4.8427

Inverse Universe

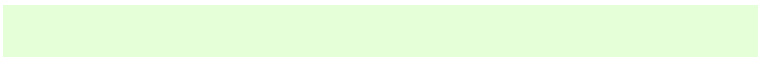
The Inverse Universe completely reimagines the original color for something new.



82.9979, 77.6658, 99.4258



80.7837, 73.5975, 97.5777



80.6099, 93.1941, 79.3887



18.6407, 18.2396, 21.9911



27.5521, 13.5101, 32.6212



2.7182, 1.3296, 3.3634

Previews

White Background



This preview shows how the XYZ color 73.6033, 72.6930, 104.7596 looks on a white background.

Color Contrast Check

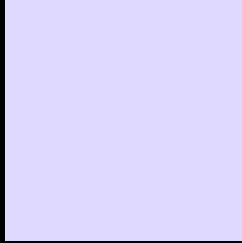
Large Text (above 18pt) WCAG AA × Fail

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 73.6033, 72.6930, 104.7596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

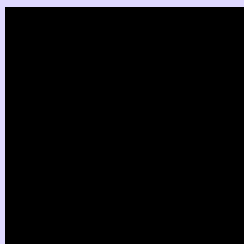
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6033, 72.6930, 104.7596

Background



This preview shows how black text looks on a background with the XYZ color 73.6033, 72.6930, 104.7596.

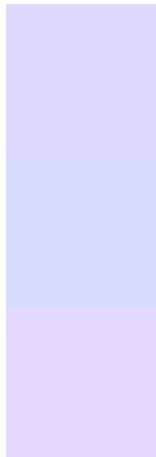


This preview shows how white text looks on a background with the XYZ color 73.6033, 72.6930,

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

73.6033, 72.6930, 104.7596

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

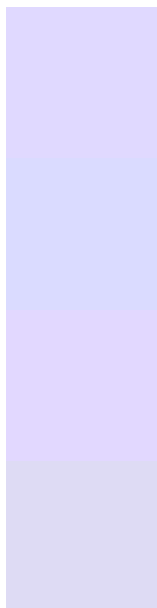
74.2844, 72.6626, 104.7178



Tritanopia

70.6981, 72.6730, 90.4219

Trichromacy



Original Color

73.6033, 72.6930, 104.7596

Protanomaly

72.2950, 72.7885, 104.8470

Deuteranomaly

73.9699, 72.5005, 104.7031

Tritanomaly

71.7849, 72.7243, 95.8417

Monochromacy



Original Color

73.6033, 72.6930, 104.7596

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.2833, 73.3990, 89.0077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6033, 72.6930, 104.7596 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 217, 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, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.6033, 72.6930, 104.7596 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, 217, 255) }
```


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

```
.border{ border-color:rgb(224, 217, 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, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6033, 72.6930, 104.7596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 217, 255) }
```

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

```
.background{ background-color: rgb(224,  
217, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor