

Converting Colors

XYZ(73.1096, 74.3375,
101.5806)

Have a look what the booklet for
XYZ(73.1096, 74.3375, 101.5806)
contains.

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Color

**XYZ(73.3527, 74.5797,
101.7960)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDEFB
RGB	221, 222, 251
RGB Percent	87%, 87%, 98%
CMY	0.1333, 0.1294, 0.0157
CMYK	0.12, 0.12, 0.00, 0.02
HSL	238°, 79%, 93%
HSV	238°, 12%, 98%
XYZ	73.3527, 74.5797, 101.7960
YIQ	225.0070, -9.9050, 8.8070

Conversions

Conversions Part 2

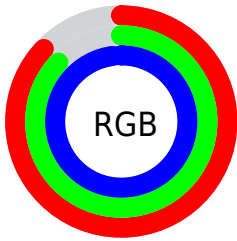
Format	Color
R _Y B	221, 222, 251
Decimal	14540539
CIE Lab	89.20, 5.20, -14.19
CIE LCh	89, 15.114, 290.125
Yxy	74.5797, 0.2937, 0.2986
Android (android.graphics.Color)	4292730619 (0xFFDDDEFB)
YUV	225.0070, 12.8145, -3.5141
Hunter-Lab	86.3595, 0.4864, -9.4362

Details

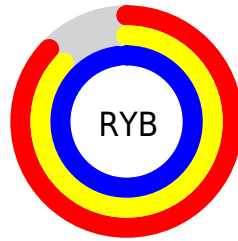
The XYZ color **73.3527, 74.5797, 101.7960** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.0210, 94.1007, 81.9851**, and the grayscale version is **71.4909, 75.2139, 81.9080**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2822, 39.6395, 56.6197** is the 20% darker color. If you saturate the color by 10%, you get **60.2879, 58.9588, 99.4706**, and if you desaturate by 10%, it is **88.4917, 92.6502, 104.4872**.

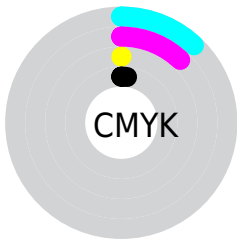
Distribution



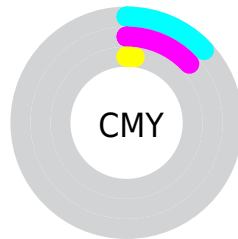
- Red (87%)
- Green (87%)
- Blue (98%)



- Red (87%)
- Yellow (87%)
- Blue (98%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3527, 74.5797, 101.7960 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 73.3527, 74.5797, 101.7960 by changing the saturation by 10% instead.

73.3527, 74.5797,
101.7960

73.3527, 74.5797,
101.7960

461.3212,
476.4717, 587.2314

54.5538, 55.2686,
77.1761

122.9782,
125.7172, 165.6965

39.2770, 39.6168,
56.8850

154.5356,
158.3125, 205.8141

27.1570, 27.2399,
40.5042

191.0764,
196.1046, 251.9347

17.8284, 17.7535,
27.6151

232.9662,
239.4779, 304.4768

10.9258, 10.7732,
17.7992

280.5702,
288.8169, 363.8590

6.0839, 5.9145,
10.6380

334.2538,

2.9373, 2.7932,

344.5060, 430.4998

5.7129

394.3823,
406.9294, 504.8178

■ 1.1207, 1.0247,
2.6053

■ 0.0423, 0.0000,
0.8952

■ 73.3527, 74.5797,
101.7960

■ 73.3527, 74.5797,
101.7960

■ 60.2879, 58.9588,
99.4706

■ 88.4917, 92.6502,
104.4872

■ 49.2005, 45.6732,
97.4906

■ 94.4128, 99.7451,
105.5446

■ 39.9963, 34.6136,
95.8410

■ 32.5707, 25.6583,
94.5038

■ 26.8088, 18.6737,
93.4594

■ 22.5823, 13.5114,
92.6857

■ 19.7441, 10.0015,
92.1578

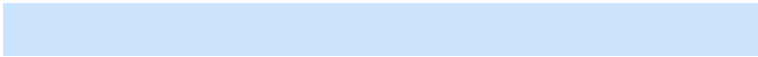
■ 18.1186, 7.9424,
91.8460

■ 17.5038, 7.1472,
91.7249

Harmonies

Analogous

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



69.6770, 74.5797, 102.8912



73.3527, 74.5797, 101.7960



76.4660, 74.5797, 94.9274

Triad

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



73.3527, 74.5797, 101.7960



75.5281, 74.5797, 66.6002



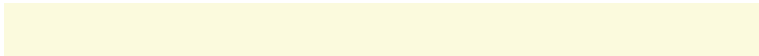
64.1292, 74.5797, 77.7725

Complementary

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



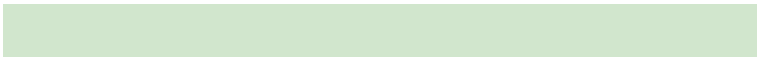
73.3527, 74.5797, 101.7960



87.0210, 94.1007, 81.9851

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.



65.5838, 74.5797, 68.8725



73.3527, 74.5797, 101.7960



72.1084, 74.5797, 62.8018

Square

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



73.3527, 74.5797, 101.7960



77.7518, 74.5797, 74.4183



68.4748, 74.5797, 63.5960



64.4363, 74.5797, 88.3915

Rectangle

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



73.3527, 74.5797, 101.7960



77.7631, 74.5797, 88.3036



68.4748, 74.5797, 63.5960



64.4264, 74.5797, 74.4967

Sweetspot

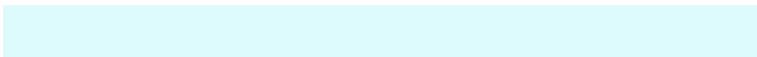
The Sweet Spot groups the original color and five complimentary colors.



73.3549, 74.5828, 101.7977



88.3315, 91.9866, 107.7074



81.4944, 91.2387, 103.3488



18.6447, 19.3764, 23.0073



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.



73.3549, 74.5828, 101.7977



73.0765, 73.7722, 104.9956



77.3667, 76.2569, 101.9093



16.3295, 16.7359, 21.7550



9.2212, 3.7980, 48.2206



0.8699, 0.3835, 4.4713

Inverse Universe

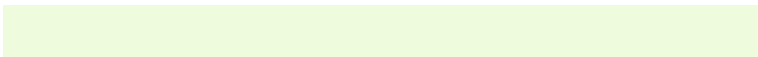
The Inverse Universe completely reimagines the original color for something new.



78.8268, 77.4979, 79.9146



79.6335, 77.2732, 78.7710



82.6420, 92.3069, 81.8697



17.2681, 17.2346, 18.0017



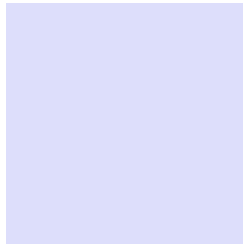
20.9465, 10.7943, 1.1606



1.9480, 1.0029, 0.1496

Previews

White Background



This preview shows how the XYZ color 73.3527, 74.5797, 101.7960 looks on a white background.

Color Contrast Check

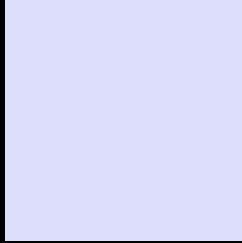
Large Text (above 18pt) WCAG AA × Fail

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 73.3527, 74.5797, 101.7960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

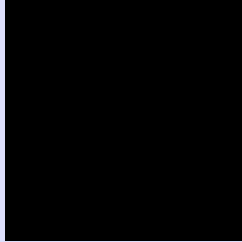
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3527, 74.5797, 101.7960

Background



This preview shows how black text looks on a background with the XYZ color 73.3527, 74.5797, 101.7960.



This preview shows how white text looks on a background with the XYZ color 73.3527, 74.5797,

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

73.3527, 74.5797, 101.7960

Protanopia

73.0491, 74.4232, 101.7818

Deuteranopia

76.2464, 74.4947, 102.4558



Tritanopia

71.7463, 74.7223, 93.8605

Trichromacy



Original Color

73.3527, 74.5797, 101.7960

Protanomaly

73.0491, 74.4232, 101.7818

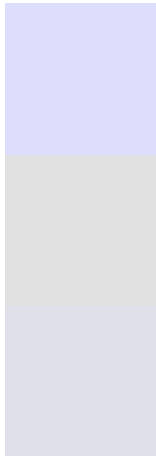
Deuteranomaly

75.2153, 74.3493, 102.4820

Tritanomaly

72.3843, 74.5836, 96.9672

Monochromacy



Original Color

73.3527, 74.5797, 101.7960

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2474, 75.0991, 88.5296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3527, 74.5797, 101.7960 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(221, 222, 251)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 251)  
}
```

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(221, 222, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 251) }
```

Border

The CSS property to change the border of an element to XYZ 73.3527, 74.5797, 101.7960 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(221, 222, 251) }
```


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

```
.border{ border-color:rgb(221, 222, 251) }
```

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

Here you see how a box with a 4 pixel rgb(221, 222, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 251);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3527, 74.5797, 101.7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 251) }
```

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

```
.background{ background-color: rgb(221,  
222, 251) }
```

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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