

Converting Colors

XYZ(74.6600, 74.1213,
102.3975)

Have a look what the booklet for
XYZ(74.6600, 74.1213, 102.3975)
contains.

XYZ(74.5808, 74.0222, 102.4523)	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(74.5808, 74.0222,
102.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DBFC
RGB	227, 219, 252
RGB Percent	89%, 86%, 99%
CMY	0.1098, 0.1412, 0.0118
CMYK	0.10, 0.13, 0.00, 0.01
HSL	255°, 85%, 92%
HSV	255°, 13%, 99%
XYZ	74.5808, 74.0222, 102.4523
YIQ	225.1540, -5.8250, 11.9590

Conversions

Conversions Part 2

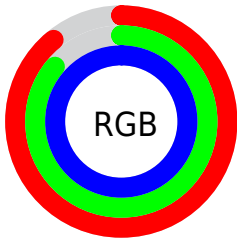
Format	Color
R _Y B	227, 219, 252
Decimal	14932988
CIE Lab	88.93, 8.88, -15.06
CIE LCh	89, 17.485, 300.514
Yxy	74.0222, 0.2971, 0.2948
Android (android.graphics.Color)	4293123068 (0xFFE3DBFC)
YUV	225.1540, 13.2351, 1.6189
Hunter-Lab	86.0362, 4.1702, -10.3775

Details

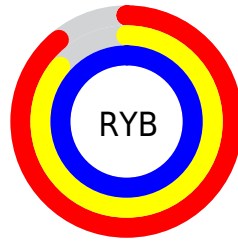
The XYZ color **74.5808, 74.0222, 102.4523** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.9073, 93.9702, 80.6843**, and the grayscale version is **71.5915, 75.3198, 82.0233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9204, 39.1490, 57.0822** is the 20% darker color. If you saturate the color by 10%, you get **62.8064, 58.9220, 100.1594**, and if you desaturate by 10%, it is **88.0226, 91.4633, 105.1115**.

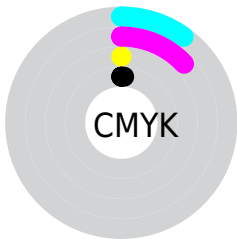
Distribution



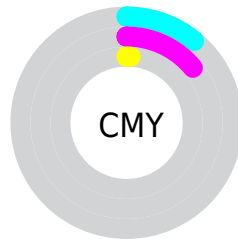
- Red (89%)
- Green (86%)
- Blue (99%)



- Red (89%)
- Yellow (86%)
- Blue (99%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5808, 74.0222, 102.4523 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 74.5808, 74.0222, 102.4523 by changing the saturation by 10% instead.

74.5808, 74.0222,
102.4523

74.5808, 74.0222,
102.4523

465.4949,
474.5500, 589.3404

55.5625, 54.8122,
77.7219

124.7099,
124.9273, 166.6043

40.0879, 39.2514,
57.3304

156.5514,
157.3912, 206.8630

27.7916, 26.9553,
40.8595

193.3979,
195.0418, 253.1348

18.3083, 17.5397,
27.8904

235.6150,
238.2636, 305.8384

11.2726, 10.6200,
18.0048

283.5679,
287.4409, 365.3922

6.3191, 5.8119,
10.7839

337.6219,

3.0826, 2.7311,

342.9581, 432.2147

5.8094

398.1425,
405.1997, 506.7246

■ 1.1976, 0.9930,
2.6626

■ 0.1045, 0.0000,
0.9245

■ 74.5808, 74.0222,
102.4523

■ 74.5808, 74.0222,
102.4523

■ 62.8064, 58.9220,
100.1594

■ 88.0226, 91.4633,
105.1115

■ 52.6265, 46.0530,
98.2120

94.5709, 99.8084,
106.3771

■ 43.9724, 35.3104,
96.5946

■ 36.7679, 26.5777,
95.2887

■ 30.9296, 19.7264,
94.2740

■ 26.3654, 14.6132,
93.5276

■ 22.9707, 11.0732,
93.0232

■ 20.6220, 8.9082,
92.7291

■ 19.5001, 8.0229,
92.6174

Harmonies

Analogous

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



70.4292, 74.0222, 106.2962



74.5808, 74.0222, 102.4523



77.7003, 74.0222, 92.6555

Triad

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



74.5808, 74.0222, 102.4523



74.4490, 74.0222, 61.9192



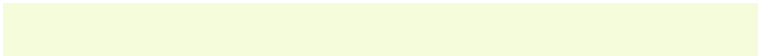
62.5080, 74.0222, 80.8075

Complementary

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



74.5808, 74.0222, 102.4523



84.9073, 93.9702, 80.6843

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.



63.4895, 74.0222, 69.6340



74.5808, 74.0222, 102.4523



70.2827, 74.0222, 59.4156

Square

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



74.5808, 74.0222, 102.4523



77.6221, 74.0222, 69.3049



66.2936, 74.0222, 62.0953



63.5579, 74.0222, 93.0548

Rectangle

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



74.5808, 74.0222, 102.4523



78.7147, 74.0222, 84.5104



66.2936, 74.0222, 62.0953



62.6108, 74.0222, 76.8075

Sweetspot

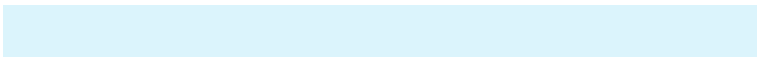
The Sweet Spot groups the original color and five complimentary colors.



74.5830, 74.0253, 102.4539



89.0958, 92.2275, 107.7136



79.2275, 86.9726, 104.7082



18.8373, 19.4372, 23.0089



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.



74.5830, 74.0253, 102.4539



72.9152, 71.2759, 104.5223



79.9358, 76.7847, 102.7044



16.6770, 16.8461, 21.7579



10.2676, 4.2358, 48.2500



1.0420, 0.4392, 4.4730

Inverse Universe

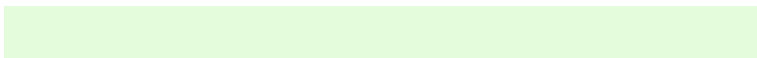
The Inverse Universe completely reimagines the original color for something new.



81.8080, 77.8933, 96.3144



81.8357, 76.0538, 96.8420



79.5305, 91.1983, 80.4327



17.8026, 17.4484, 20.8165



25.8672, 12.7626, 27.0728



2.4372, 1.1986, 2.7258

Previews

White Background



This preview shows how the XYZ color 74.5808, 74.0222, 102.4523 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 74.5808, 74.0222, 102.4523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

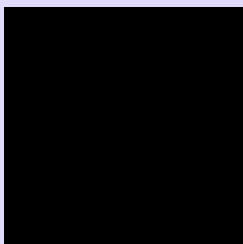
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5808, 74.0222, 102.4523

Background



This preview shows how black text looks on a background with the XYZ color 74.5808, 74.0222, 102.4523.

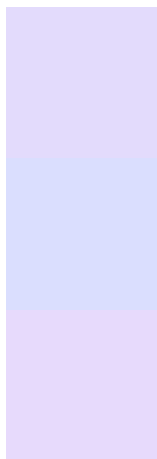


This preview shows how white text looks on a background with the XYZ color 74.5808, 74.0222,

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

74.5808, 74.0222, 102.4523

Protanopia

72.9241, 74.3037, 104.2645

Deuteranopia

75.5971, 74.1600, 102.4254



Tritanopia

72.4878, 73.9524, 92.1151

Trichromacy



Original Color

74.5808, 74.0222, 102.4523

Protanomaly

73.4049, 74.1769, 103.3772

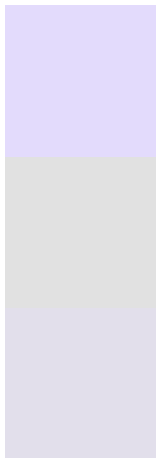
Deuteranomaly

75.2752, 73.9941, 102.4103

Tritanomaly

73.2864, 73.8868, 95.9869

Monochromacy



Original Color

74.5808, 74.0222, 102.4523

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.7471, 74.9423, 89.2284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5808, 74.0222, 102.4523 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(227, 219, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 219, 252)  
}
```

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(227, 219, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 252) }
```

Border

The CSS property to change the border of an element to XYZ 74.5808, 74.0222, 102.4523 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(227, 219, 252) }
```


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

```
.border{ border-color:rgb(227, 219, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 219, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 219, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 219, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 219,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5808, 74.0222, 102.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 252) }
```

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

```
.background{ background-color: rgb(227,  
219, 252) }
```

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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