

Converting Colors

XYZ(74.8630, 73.6475, 98.5683)

Have a look what the booklet for
XYZ(74.8630, 73.6475, 98.5683)
contains.

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Color

**XYZ(74.5564, 73.3300,
98.2203)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D9F7
RGB	231, 217, 247
RGB Percent	91%, 85%, 97%
CMY	0.0941, 0.1490, 0.0314
CMYK	0.06, 0.12, 0.00, 0.03
HSL	268°, 65%, 91%
HSV	268°, 12%, 97%
XYZ	74.5564, 73.3300, 98.2203
YIQ	224.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

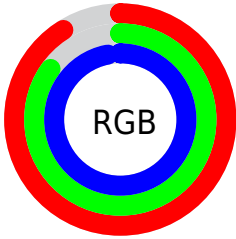
Format	Color
R _Y B	231, 217, 247
Decimal	15194615
CIE Lab	88.60, 10.24, -12.89
CIE LCh	89, 16.466, 308.464
Yxy	73.3300, 0.3029, 0.2980
Android (android.graphics.Color)	4293384695 (0xFFE7D9F7)
YUV	224.6060, 11.0402, 5.6075
Hunter-Lab	85.6329, 5.5536, -8.0621

Details

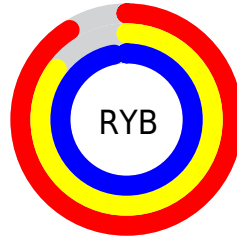
The XYZ color **74.5564, 73.3300, 98.2203** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.3920, 88.8568, 78.6158**, and the grayscale version is **71.2111, 74.9196, 81.5875**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0035, 38.7162, 54.6548** is the 20% darker color. If you saturate the color by 10%, you get **64.5673, 59.4277, 96.0645**, and if you desaturate by 10%, it is **85.8227, 89.3091, 100.7119**.

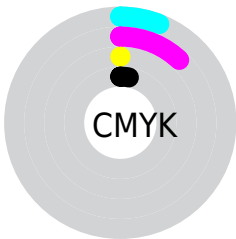
Distribution



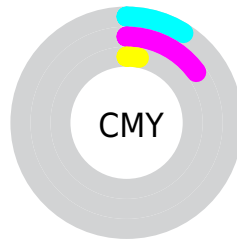
- Red (91%)
- Green (85%)
- Blue (97%)



- Red (91%)
- Yellow (85%)
- Blue (97%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5564, 73.3300, 98.2203 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 74.5564, 73.3300, 98.2203 by changing the saturation by 10% instead.

74.5564, 73.3300,
98.2203

74.5564, 73.3300,
98.2203

465.4122,
472.1577, 575.6694

55.5424, 54.2458,
74.2065

124.6755,
123.9456, 160.7398

40.0717, 38.7982,
54.4653

156.5114,
156.2458, 200.0826

27.7789, 26.6028,
38.5780

193.3519,
193.7201, 245.3721

18.2987, 17.2751,
26.1263

235.5625,
236.7530, 297.0268

11.2656, 10.4309,
16.6916

283.5084,
285.7288, 355.4654

6.3144, 5.6856,
9.8552

337.5551,

3.0797, 2.6548,

341.0319, 421.1064

5.1987

398.0679,
403.0468, 494.3682

■ 1.1960, 0.9543,
2.3035

■ 0.1032, 0.0000,
0.7332

■ 74.5564, 73.3300,
98.2203

■ 74.5564, 73.3300,
98.2203

■ 64.5673, 59.4277,
96.0645

■ 85.8227, 89.3091,
100.7119

■ 55.7998, 47.5049,
94.2253

■ 93.7887, 99.4955,
102.2582

■ 48.2034, 37.4703,
92.6888

■ 41.7213, 29.2216,
91.4382

■ 36.2916, 22.6463,
90.4553

■ 31.8454, 17.6188,
89.7192

■ 28.3042, 13.9948,
89.2063

■ 25.5748, 11.6008,
88.8881

■ 23.8928, 10.3778,
88.7407

Harmonies

Analogous

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



70.8279, 73.3300, 103.4865



74.5564, 73.3300, 98.2203



77.0448, 73.3300, 88.1436

Triad

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



74.5564, 73.3300, 98.2203



72.5387, 73.3300, 61.1805



62.4147, 73.3300, 83.1062

Complementary

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



74.5564, 73.3300, 98.2203



79.3920, 88.8568, 78.6158

Split Complementary

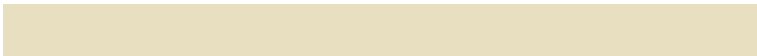
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.8337, 73.3300, 72.0823



74.5564, 73.3300, 98.2203



68.5801, 73.3300, 60.1079

Square

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



74.5564, 73.3300, 98.2203



75.8495, 73.3300, 66.9989



65.0553, 73.3300, 63.9156



63.8884, 73.3300, 94.2339

Rectangle

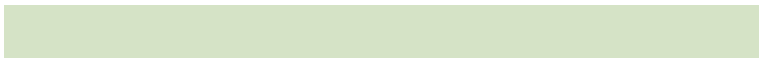
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5564, 73.3300, 98.2203



77.6132, 73.3300, 80.4315



65.0553, 73.3300, 63.9156



62.3401, 73.3300, 79.2592

Sweetspot

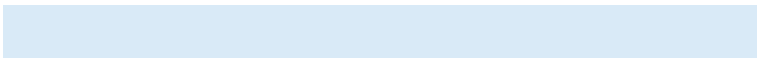
The Sweet Spot groups the original color and five complimentary colors.



74.5586, 73.3331, 98.2219



89.9086, 92.6466, 107.7516



74.6871, 80.0311, 99.5080



19.0426, 19.5430, 23.0185



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.



74.5586, 73.3331, 98.2219



76.9270, 74.3108, 104.8967



79.4343, 75.8467, 98.4501



16.3163, 16.3057, 20.8299



12.7965, 5.5712, 46.9389



1.2421, 0.5502, 4.1310

Inverse Universe

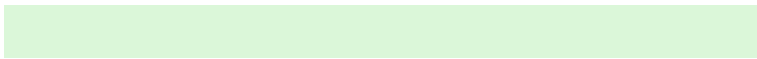
The Inverse Universe completely reimagines the original color for something new.



77.8811, 75.2862, 87.5210



81.2967, 76.8802, 90.7915



74.8509, 86.5158, 78.4033



16.8686, 16.6303, 19.0547



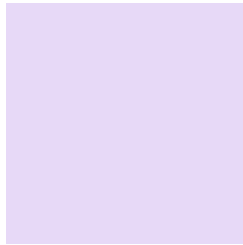
22.5521, 11.3643, 12.8815



2.0340, 1.0196, 1.4055

Previews

White Background



This preview shows how the XYZ color 74.5564, 73.3300, 98.2203 looks on a white background.

Color Contrast Check

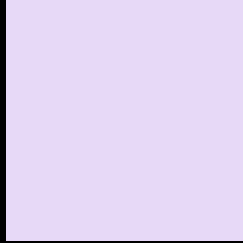
Large Text (above 18pt) WCAG AA × Fail

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 74.5564, 73.3300, 98.2203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

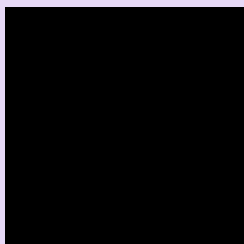
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5564, 73.3300, 98.2203

Background



This preview shows how black text looks on a background with the XYZ color 74.5564, 73.3300, 98.2203.

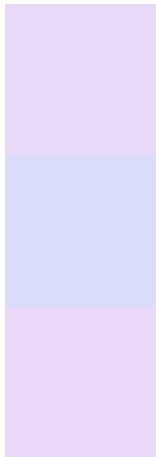


This preview shows how white text looks on a background with the XYZ color 74.5564, 73.3300,

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

74.5564, 73.3300, 98.2203

Protanopia

71.8688, 73.4579, 100.0134

Deuteranopia

74.9486, 73.1508, 98.1650



Tritanopia

72.7849, 73.3772, 89.6839

Trichromacy



Original Color

74.5564, 73.3300, 98.2203

Protanomaly

72.9679, 73.6517, 99.1773

Deuteranomaly

74.6231, 72.9829, 98.1497

Tritanomaly

73.4327, 73.2571, 92.7078

Monochromacy



Original Color

74.5564, 73.3300, 98.2203

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5078, 74.4566, 87.6408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5564, 73.3300, 98.2203 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(231, 217, 247)` looks like.

```
.text, #text, p{  
    color:rgb(231, 217, 247)  
}
```

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(231, 217, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 217, 247) }
```

Border

The CSS property to change the border of an element to XYZ 74.5564, 73.3300, 98.2203 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(231, 217, 247) }
```


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

```
.border{ border-color:rgb(231, 217, 247) }
```

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

Here you see how a box with a 4 pixel rgb(231, 217, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 217, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 217, 247);  
box-shadow:4px 4px 4px 4px rgb(231, 217,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5564, 73.3300, 98.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 217, 247) }
```

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

```
.background{ background-color: rgb(231,  
217, 247) }
```

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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