

Converting Colors

XYZ(74.4802, 76.6177, 98.0528)

Have a look what the booklet for
XYZ(74.4802, 76.6177, 98.0528)
contains.

XYZ(74.3002, 76.3515, 98.0101)	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(74.3002, 76.3515,
98.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E1F6
RGB	224, 225, 246
RGB Percent	88%, 88%, 96%
CMY	0.1216, 0.1176, 0.0353
CMYK	0.09, 0.09, 0.00, 0.04
HSL	237°, 55%, 92%
HSV	237°, 9%, 96%
XYZ	74.3002, 76.3515, 98.0101
YIQ	227.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

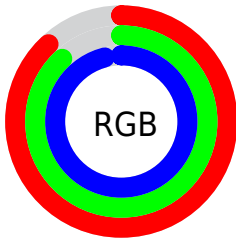
Format	Color
R _Y B	224, 225, 246
Decimal	14737910
CIE Lab	90.02, 3.60, -10.31
CIE LCh	90, 10.923, 289.265
Yxy	76.3515, 0.2988, 0.3070
Android (android.graphics.Color)	4292927990 (0xFFE0E1F6)
YUV	227.0950, 9.3202, -2.7143
Hunter-Lab	87.3793, -1.1322, -5.3378

Details

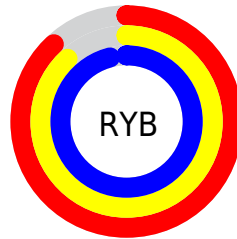
The XYZ color **74.3002, 76.3515, 98.0101** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.1133, 90.2788, 83.5147**, and the grayscale version is **73.0228, 76.8256, 83.6631**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0312, 40.9022, 54.5002** is the 20% darker color. If you saturate the color by 10%, you get **61.3044, 60.8704, 95.7081**, and if you desaturate by 10%, it is **89.2763, 94.1531, 100.6580**.

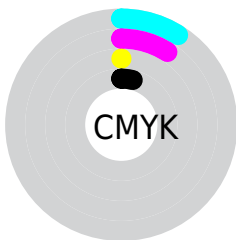
Distribution



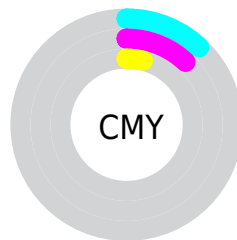
- Red (88%)
- Green (88%)
- Blue (96%)



- Red (88%)
- Yellow (88%)
- Blue (96%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3002, 76.3515, 98.0101 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 74.3002, 76.3515, 98.0101 by changing the saturation by 10% instead.

■ 74.3002, 76.3515,
98.0101

■ 74.3002, 76.3515,
98.0101

464.5431,
482.5501, 574.9859

■ 55.3319, 56.7208,
74.0321

124.3145,
128.2236, 160.4479

■ 39.9024, 40.7811,
54.3234

156.0912,
161.2339, 199.7447

■ 27.6464, 28.1481,
38.4653

192.8681,
199.4727, 244.9850

■ 18.1983, 18.4373,
26.0394

235.0106,
243.3246, 296.5872

■ 11.1930, 11.2644,
16.6271

282.8840,
293.1739, 354.9698

■ 6.2651, 6.2450,
9.8098

336.8536,

■ 3.0491, 2.9946,

349.4049, 420.5515

5.1691

397.2849,
412.4022, 493.7506

■ 1.1798, 1.1289,
2.2864

■ 0.0903, 0.0025,
0.7236

■ 74.3002, 76.3515,
98.0101

■ 74.3002, 76.3515,
98.0101

■ 61.3044, 60.8704,
95.7081

■ 89.2763, 94.1531,
100.6580

■ 50.1995, 47.6050,
93.7329

■ 93.6348, 99.4339,
101.4476

■ 40.8995, 36.4569,
92.0713

■ 33.3089, 27.3165,
90.7071

■ 27.3236, 20.0644,
89.6227

■ 22.8281, 14.5685,
88.7988

■ 19.6912, 10.6796,
88.2136

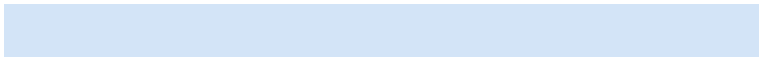
■ 17.7592, 8.2239,
87.8414

■ 16.8204, 6.9768,
87.6501

Harmonies

Analogous

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



71.6049, 76.3515, 98.6517



74.3002, 76.3515, 98.0101



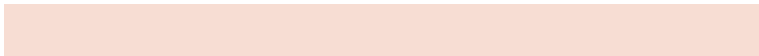
76.5845, 76.3515, 93.2426

Triad

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



74.3002, 76.3515, 98.0101



76.0186, 76.3515, 72.3453



67.5765, 76.3515, 80.3888

Complementary

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



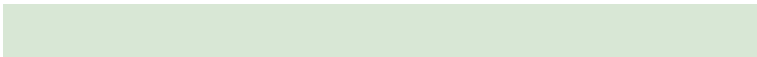
74.3002, 76.3515, 98.0101



84.1133, 90.2788, 83.5147

Split Complementary

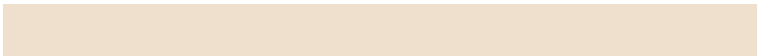
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.6979, 76.3515, 73.7834



74.3002, 76.3515, 98.0101



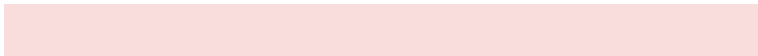
73.5434, 76.3515, 69.3350

Square

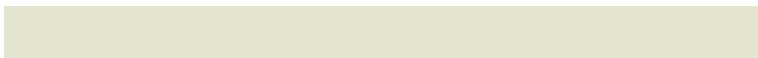
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3002, 76.3515, 98.0101



77.5936, 76.3515, 78.3133



70.8665, 76.3515, 69.8445



67.7677, 76.3515, 88.1482

Rectangle

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



74.3002, 76.3515, 98.0101



77.5458, 76.3515, 88.5223



70.8665, 76.3515, 69.8445



67.8114, 76.3515, 77.9685

Sweetspot

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



74.3025, 76.3547, 98.0118



90.0062, 94.0076, 108.0092



80.1637, 88.3466, 99.1350



18.9837, 19.7871, 23.0687



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.



74.3025, 76.3547, 98.0118



77.5193, 79.1557, 105.8006



77.1904, 77.4421, 98.0695



15.6418, 16.0478, 20.8157



8.9710, 3.7358, 46.7863



0.8094, 0.3702, 4.1190

Inverse Universe

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



78.2541, 78.3420, 82.2349



82.7308, 81.7850, 84.9914



81.0369, 89.1447, 83.4579



16.5298, 16.4948, 17.2703



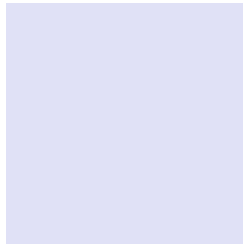
20.3327, 10.4765, 1.1943



1.7976, 0.9250, 0.1606

Previews

White Background



This preview shows how the XYZ color 74.3002, 76.3515, 98.0101 looks on a white background.

Color Contrast Check

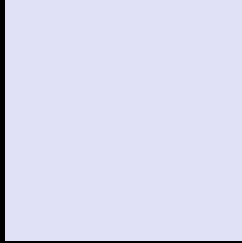
Large Text (above 18pt) WCAG AA × Fail

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 74.3002, 76.3515, 98.0101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

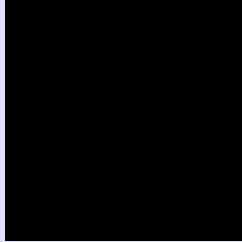
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3002, 76.3515, 98.0101

Background



This preview shows how black text looks on a background with the XYZ color 74.3002, 76.3515, 98.0101.

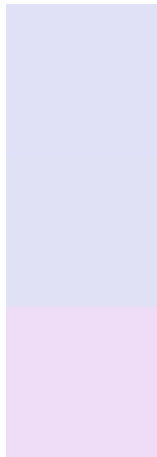


This preview shows how white text looks on a background with the XYZ color 74.3002, 76.3515,

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

74.3002, 76.3515, 98.0101

Protanopia

74.6111, 76.5118, 98.0246

Deuteranopia

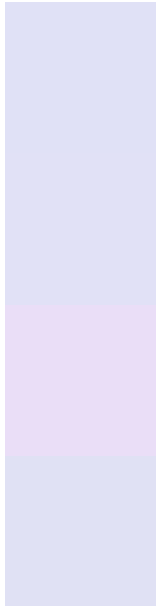
77.9783, 76.2525, 98.6040



Tritanopia

73.8433, 76.1688, 95.6041

Trichromacy



Original Color

74.3002, 76.3515, 98.0101

Protanomaly

74.6111, 76.5118, 98.0246

Deuteranomaly

76.8415, 76.4504, 98.7021

Tritanomaly

73.9948, 76.2294, 96.4017

Monochromacy



Original Color

74.3002, 76.3515, 98.0101

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4117, 76.5020, 88.7391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3002, 76.3515, 98.0101 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, 225, 246)` looks like.

```
.text, #text, p{  
    color:rgb(224, 225, 246)  
}
```

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, 225, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 225, 246) }
```

Border

The CSS property to change the border of an element to XYZ 74.3002, 76.3515, 98.0101 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, 225, 246) }
```


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

```
.border{ border-color:rgb(224, 225, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 225, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 225, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 225, 246);  
box-shadow:4px 4px 4px 4px rgb(224, 225,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3002, 76.3515, 98.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 225, 246) }
```

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

```
.background{ background-color: rgb(224,  
225, 246) }
```

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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