

Converting Colors

XYZ(76.7410, 78.4833,
103.5813)

Have a look what the booklet for
XYZ(76.7410, 78.4833, 103.5813)
contains.

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Color

**XYZ(76.4038, 78.1352,
103.1501)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E3FC
RGB	226, 227, 252
RGB Percent	89%, 89%, 99%
CMY	0.1137, 0.1098, 0.0118
CMYK	0.10, 0.10, 0.00, 0.01
HSL	238°, 81%, 94%
HSV	238°, 10%, 99%
XYZ	76.4038, 78.1352, 103.1501
YIQ	229.5510, -8.6210, 7.5630

Conversions

Conversions Part 2

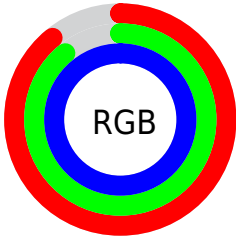
Format	Color
R _Y B	226, 227, 252
Decimal	14869500
CIE Lab	90.84, 4.38, -12.22
CIE LCh	91, 12.978, 289.719
Yxy	78.1352, 0.2965, 0.3032
Android (android.graphics.Color)	4293059580 (0xFFE2E3FC)
YUV	229.5510, 11.0674, -3.1142
Hunter-Lab	88.3941, -0.4025, -7.3116

Details

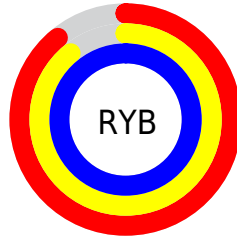
The XYZ color **76.4038, 78.1352, 103.1501** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88.3698, 95.1801, 85.6671**, and the grayscale version is **74.8095, 78.7054, 85.7102**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3974, 42.1031, 57.5746** is the 20% darker color. If you saturate the color by 10%, you get **62.9085, 62.0252, 100.7531**, and if you desaturate by 10%, it is **91.9975, 96.7153, 105.9158**.

Distribution



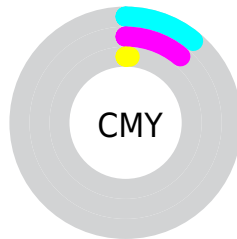
- Red (89%)
- Green (89%)
- Blue (99%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4038, 78.1352, 103.1501 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 76.4038, 78.1352, 103.1501 by changing the saturation by 10% instead.

■ 76.4038, 78.1352,
103.1501

■ 76.4038, 78.1352,
103.1501

471.6520,
488.6259, 591.5784

■ 57.0619, 58.1850,
78.3024

127.2749,
130.7407, 167.5690

■ 41.2953, 41.9574,
57.8045

159.5347,
164.1648, 207.9772

■ 28.7386, 29.0680,
41.2379

196.8313,
202.8491, 254.4094

■ 19.0264, 19.1322,
28.1839

239.5299,
247.1778, 307.2841

■ 11.7935, 11.7659,
18.2241

287.9959,
297.5355, 367.0198

■ 6.6744, 6.5845,
10.9399

342.5947,

■ 3.3038, 3.2036,

354.3065, 434.0350

5.9128

403.6916,
417.8751, 508.7484

■ 1.3164, 1.2389,
2.7242

■ 0.1954, 0.0932,
0.9556

■ 76.4038, 78.1352,
103.1501

■ 76.4038, 78.1352,
103.1501

■ 62.9085, 62.0252,
100.7531

■ 91.9975, 96.7153,
105.9158

■ 51.4154, 48.2720,
98.7042

94.5709, 99.8084,
106.3772

■ 41.8314, 36.7680,
96.9888

■ 34.0529, 27.3937,
95.5894

■ 27.9668, 20.0182,
94.4865

■ 23.4471, 14.4963,
93.6589

■ 20.3502, 10.6633,
93.0823

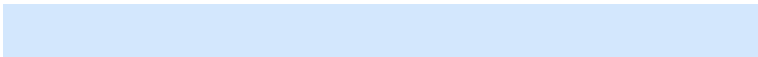
■ 18.5061, 8.3253,
92.7282

■ 17.6764, 7.2394,
92.5623

Harmonies

Analogous

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



73.1502, 78.1352, 104.0232



76.4038, 78.1352, 103.1501



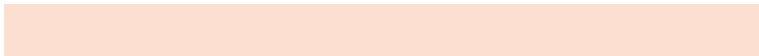
79.1587, 78.1352, 97.2390

Triad

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



76.4038, 78.1352, 103.1501



78.3989, 78.1352, 72.0824



68.2572, 78.1352, 81.9070

Complementary

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



76.4038, 78.1352, 103.1501



88.3698, 95.1801, 85.6671

Split Complementary

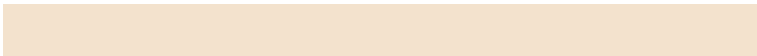
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.5776, 78.1352, 73.9720



76.4038, 78.1352, 103.1501



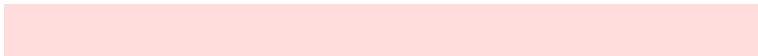
75.3914, 78.1352, 68.5816

Square

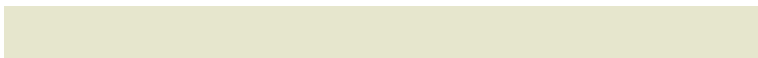
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4038, 78.1352, 103.1501



80.3337, 78.1352, 79.1520



72.1668, 78.1352, 69.2470



68.5102, 78.1352, 91.2883

Rectangle

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



76.4038, 78.1352, 103.1501



80.3115, 78.1352, 91.4621



72.1668, 78.1352, 69.2470



68.5302, 78.1352, 78.9942

Sweetspot

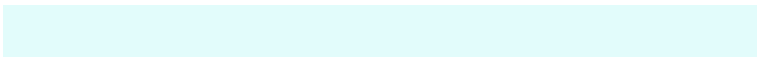
The Sweet Spot groups the original color and five complimentary colors.



76.4061, 78.1385, 103.1518



89.9897, 93.9747, 108.0037



83.5411, 92.7370, 104.5172



18.9793, 19.7783, 23.0672



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.



76.4061, 78.1385, 103.1518



75.9970, 77.2962, 105.5219



79.9277, 79.5478, 103.2383



16.3367, 16.7503, 21.7574



9.2318, 3.8191, 48.2242



0.8733, 0.3903, 4.4725

Inverse Universe

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



81.2082, 80.6359, 83.9610



81.6733, 80.2546, 82.8361



84.5763, 93.6909, 85.5796



17.2717, 17.2361, 18.0208



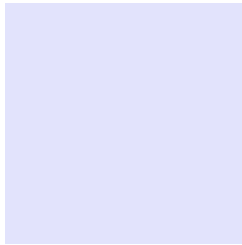
20.9518, 10.7964, 1.1887



1.9497, 1.0036, 0.1588

Previews

White Background



This preview shows how the XYZ color 76.4038, 78.1352, 103.1501 looks on a white background.

Color Contrast Check

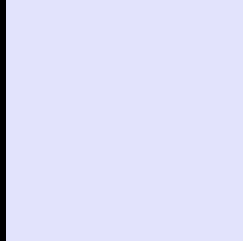
Large Text (above 18pt) WCAG AA × Fail

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 76.4038, 78.1352, 103.1501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

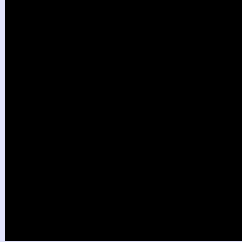
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4038, 78.1352, 103.1501

Background



This preview shows how black text looks on a background with the XYZ color 76.4038, 78.1352, 103.1501.

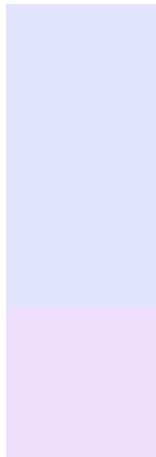


This preview shows how white text looks on a background with the XYZ color 76.4038, 78.1352,

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

76.4038, 78.1352, 103.1501

Protanopia

76.4038, 78.1352, 103.1501

Deuteranopia

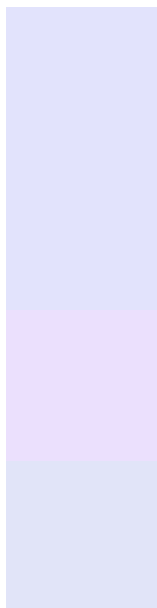
79.7861, 77.8597, 103.7517



Tritanopia

75.4293, 78.1482, 98.2973

Trichromacy



Original Color

76.4038, 78.1352, 103.1501

Protanomaly

76.4038, 78.1352, 103.1501

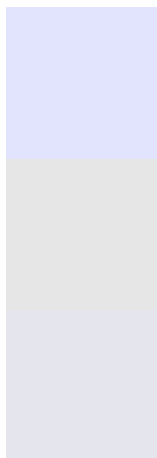
Deuteranomaly

78.6462, 78.0653, 103.8515

Tritanomaly

75.7380, 78.2717, 99.9231

Monochromacy



Original Color

76.4038, 78.1352, 103.1501

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7650, 78.8697, 92.1190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4038, 78.1352, 103.1501 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(226, 227, 252)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 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(226, 227, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 252) }
```

Border

The CSS property to change the border of an element to XYZ 76.4038, 78.1352, 103.1501 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(226, 227, 252) }
```


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

```
.border{ border-color:rgb(226, 227, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 227, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 252);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4038, 78.1352, 103.1501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 252) }
```

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

```
.background{ background-color: rgb(226,  
227, 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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