

Converting Colors

XYZ(76.5458, 80.3067,
101.9101)

Have a look what the booklet for
XYZ(76.5458, 80.3067, 101.9101)
contains.

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Color

**XYZ(76.5434, 80.3033,
101.9083)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE8FA
RGB	223, 232, 250
RGB Percent	87%, 91%, 98%
CMY	0.1255, 0.0902, 0.0196
CMYK	0.11, 0.07, 0.00, 0.02
HSL	220°, 73%, 93%
HSV	220°, 11%, 98%
XYZ	76.5434, 80.3033, 101.9083
YIQ	231.3610, -11.1420, 3.6900

Conversions

Conversions Part 2

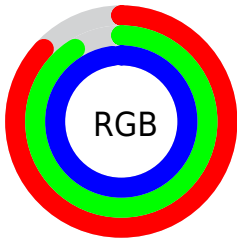
Format	Color
R_{YB}	223, 230, 250
Decimal	14674170
CIE Lab	91.82, 0.44, -9.74
CIE LCh	92, 9.747, 272.594
Yxy	80.3033, 0.2958, 0.3103
Android (android.graphics.Color)	4292864250 (0xFFDFE8FA)
YUV	231.3610, 9.1890, -7.3326
Hunter-Lab	89.6121, -4.3530, -4.6970

Details

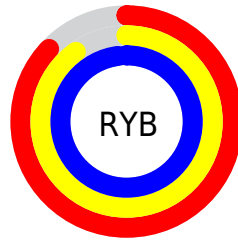
The XYZ color **76.5434, 80.3033, 101.9083** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.1995, 88.5620, 82.4701**, and the grayscale version is **76.1661, 80.1327, 87.2645**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4114, 43.2705, 57.2084** is the 20% darker color. If you saturate the color by 10%, you get **64.9322, 67.6831, 100.0856**, and if you desaturate by 10%, it is **89.7414, 94.4061, 103.9361**.

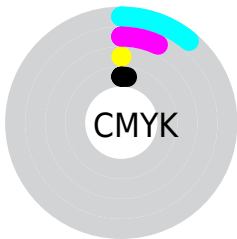
Distribution



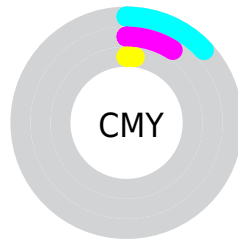
- Red (87%)
- Green (91%)
- Blue (98%)



- Red (87%)
- Yellow (90%)
- Blue (98%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5434, 80.3033, 101.9083 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 76.5434, 80.3033, 101.9083 by changing the saturation by 10% instead.

■ 76.5434, 80.3033,
101.9083

■ 76.5434, 80.3033,
101.9083

472.1217,
495.9544, 587.5925

■ 57.1768, 59.9680,
77.2695

127.4710,
133.7921, 165.8519

■ 41.3879, 43.3928,
56.9612

159.7628,
167.7143, 205.9936

■ 28.8113, 30.1934,
40.5649

197.0936,
206.9343, 252.1402

■ 19.0817, 19.9855,
27.6621

239.8289,
251.8364, 304.7099

■ 11.8337, 12.3845,
17.8343

288.3340,
302.8051, 364.1215

■ 6.7019, 7.0061,
10.6629

342.9742,

■ 3.3211, 3.4659,

360.2247, 430.7935

5.7293

404.1150,
424.4797, 505.1443

■ 1.3257, 1.3795,
2.6151

■ 0.2024, 0.2016,
0.9002

■ 76.5434, 80.3033,
101.9083

■ 76.5434, 80.3033,
101.9083

■ 64.9322, 67.6831,
100.0856

■ 89.7414, 94.4061,
103.9361

■ 54.8388, 56.4851,
98.4561

■ 94.2556, 99.6822,
104.7165

■ 46.1993, 46.6595,
97.0150

■ 38.9424, 38.1497,
95.7549

■ 32.9904, 30.8943,
94.6682

■ 28.2574, 24.8270,
93.7465

■ 24.6461, 19.8737,
92.9808

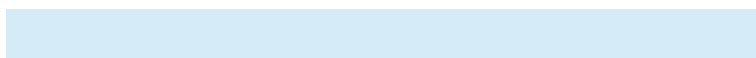
■ 22.0417, 15.9500,
92.3607

■ 20.3765, 13.1442,
91.9069

Harmonies

Analogous

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



74.1366, 80.3033, 100.2237



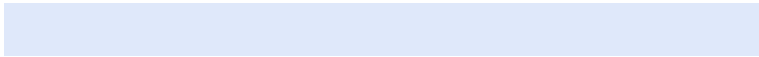
76.5434, 80.3033, 101.9083



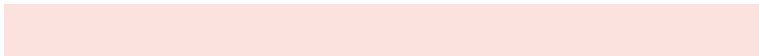
78.9421, 80.3033, 99.5436

Triad

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



76.5434, 80.3033, 101.9083



80.4438, 80.3033, 80.2352



72.1414, 80.3033, 81.2575

Complementary

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



76.5434, 80.3033, 101.9083



84.1995, 88.5620, 82.4701

Split Complementary

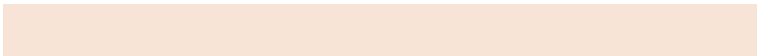
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7681, 80.3033, 76.3535



76.5434, 80.3033, 101.9083



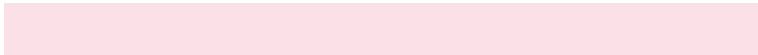
78.5578, 80.3033, 75.7863

Square

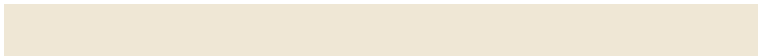
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5434, 80.3033, 101.9083



81.2245, 80.3033, 86.8157



76.1088, 80.3033, 74.4043



71.6283, 80.3033, 88.0605

Rectangle

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



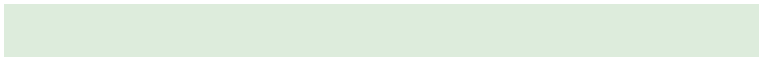
76.5434, 80.3033, 101.9083



80.2045, 80.3033, 96.0603



76.1088, 80.3033, 74.4043



72.5744, 80.3033, 79.3451

Sweetspot

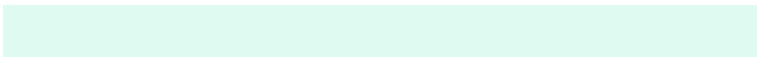
The Sweet Spot groups the original color and five complimentary colors.



76.5458, 80.3067, 101.9101



90.6861, 95.3675, 108.2358



80.4285, 90.3846, 96.0755



19.1665, 20.1527, 23.1296



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.



76.5458, 80.3067, 101.9101



77.2399, 80.9492, 106.1615



75.3389, 76.0183, 101.1459



16.7559, 17.5886, 21.8971



10.9259, 7.2074, 48.7889



1.1051, 0.8539, 4.5497

Inverse Universe

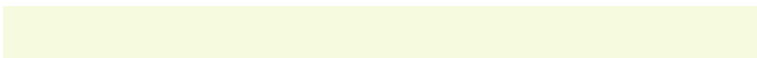
The Inverse Universe completely reimagines the original color for something new.



80.3794, 78.9274, 87.3458



82.0157, 79.3006, 88.0025



85.4948, 93.2841, 83.3133



17.4833, 17.3207, 19.1349



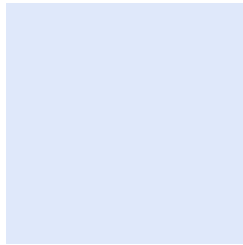
21.8069, 11.1385, 5.6916



2.0667, 1.0504, 0.7748

Previews

White Background



This preview shows how the XYZ color 76.5434, 80.3033, 101.9083 looks on a white background.

Color Contrast Check

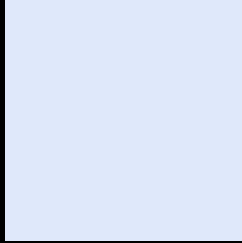
Large Text (above 18pt) WCAG AA × Fail

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 76.5434, 80.3033, 101.9083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

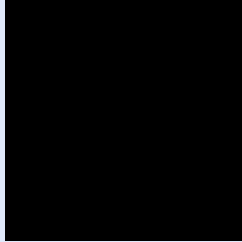
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5434, 80.3033, 101.9083

Background



This preview shows how black text looks on a background with the XYZ color 76.5434, 80.3033, 101.9083.



This preview shows how white text looks on a background with the XYZ color 76.5434, 80.3033,

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

76.5434, 80.3033, 101.9083

Protanopia

78.0288, 80.2562, 101.0010

Deuteranopia

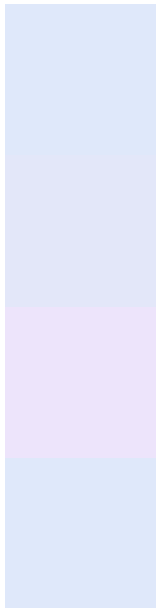
81.9940, 80.2279, 102.4308



Tritanopia

76.5434, 80.3033, 101.9083

Trichromacy



Original Color

76.5434, 80.3033, 101.9083

Protanomaly

77.3534, 80.3223, 101.0493

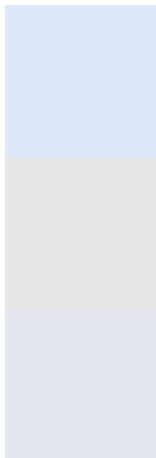
Deuteranomaly

80.0810, 80.4564, 102.5757

Tritanomaly

76.5434, 80.3033, 101.9083

Monochromacy



Original Color

76.5434, 80.3033, 101.9083

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.0034, 79.8189, 92.2897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5434, 80.3033, 101.9083 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(223, 232, 250)` looks like.

```
.text, #text, p{  
    color:rgb(223, 232, 250)  
}
```

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(223, 232, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 232, 250) }
```

Border

The CSS property to change the border of an element to XYZ 76.5434, 80.3033, 101.9083 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(223, 232, 250) }
```


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

```
.border{ border-color:rgb(223, 232, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 232, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 232, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 232, 250);  
box-shadow:4px 4px 4px 4px rgb(223, 232,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5434, 80.3033, 101.9083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 232, 250) }
```

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

```
.background{ background-color: rgb(223,  
232, 250) }
```

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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