

Converting Colors

XYZ(78.2968, 81.3621,
104.0489)

Have a look what the booklet for
XYZ(78.2968, 81.3621, 104.0489)
contains.

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Color

**XYZ(78.1059, 81.0724,
103.6274)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E8FC
RGB	227, 232, 252
RGB Percent	89%, 91%, 99%
CMY	0.1098, 0.0902, 0.0118
CMYK	0.10, 0.08, 0.00, 0.01
HSL	228°, 81%, 94%
HSV	228°, 10%, 99%
XYZ	78.1059, 81.0724, 103.6274
YIQ	232.7850, -9.4000, 5.1600

Conversions

Conversions Part 2

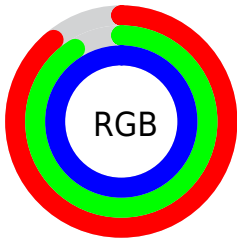
Format	Color
RYB	227, 231, 252
Decimal	14936316
CIELab	92.16, 2.11, -10.24
CIELCh	92, 10.454, 281.623
Yxy	81.0724, 0.2972, 0.3085
Android (android.graphics.Color)	4293126396 (0xFFE3E8FC)
YUV	232.7850, 9.4730, -5.0734
Hunter-Lab	90.0402, -2.7295, -5.2088

Details

The XYZ color **78.1059, 81.0724, 103.6274** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.2712, 92.7626, 85.9800**, and the grayscale version is **77.2286, 81.2505, 88.4818**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3889, 43.7615, 57.8424** is the 20% darker color. If you saturate the color by 10%, you get **65.3801, 66.5685, 101.4998**, and if you desaturate by 10%, it is **92.6506, 97.4844, 106.0299**.

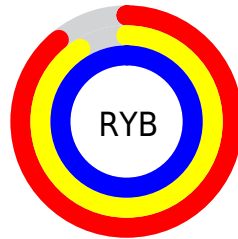
Distribution



Red (89%)

Green (91%)

Blue (99%)



Red (89%)

Yellow (91%)

Blue (99%)

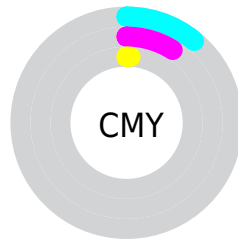


Cyan (10%)

Magenta (8%)

Yellow (0%)

Black (1%)



Cyan (11%)

Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1059, 81.0724, 103.6274 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 78.1059, 81.0724, 103.6274 by changing the saturation by 10% instead.

■ 78.1059, 81.0724,
103.6274

■ 78.1059, 81.0724,
103.6274

477.3607,
498.5396, 593.1066

■ 58.4641, 60.6012,
78.6997

129.6640,
134.8724, 168.2284

■ 42.4265, 43.9034,
58.1291

162.3109,
168.9701, 208.7387

■ 29.6280, 30.5946,
41.4970

200.0236,
208.3787, 255.2804

■ 19.7031, 20.2903,
28.3850

243.1674,
253.4826, 308.2718

■ 12.2864, 12.6063,
18.3745

292.1077,
304.6662, 368.1316

■ 7.0126, 7.1580,
11.0470

347.2097,

■ 3.5164, 3.5611,

362.3140, 435.2783

5.9839

408.8390,
426.8103, 510.1305

■ 1.4324, 1.4312,
2.7667

■ 0.2791, 0.2396,
0.9768

■ 78.1059, 81.0724,
103.6274

■ 78.1059, 81.0724,
103.6274

■ 65.3801, 66.5685,
101.4998

■ 92.6506, 97.4844,
106.0299

■ 54.3938, 53.8926,
99.6322

■ 94.5709, 99.8084,
106.3773

■ 45.0722, 42.9742,
98.0160

■ 37.3323, 33.7342,
96.6405

■ 31.0838, 26.0870,
95.4937

■ 26.2270, 19.9394,
94.5631

■ 22.6492, 15.1880,
93.8346

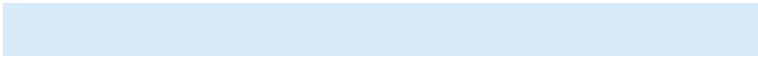
■ 20.2191, 11.7148,
93.2923

■ 18.7395, 9.3618,
92.9161

Harmonies

Analogous

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



75.4343, 81.0724, 103.1245



78.1059, 81.0724, 103.6274



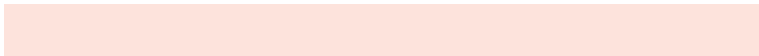
80.5513, 81.0724, 99.8425

Triad

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



78.1059, 81.0724, 103.6274



80.9969, 81.0724, 78.7764



72.2418, 81.0724, 83.6762

Complementary

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



78.1059, 81.0724, 103.6274



87.2712, 92.7626, 85.9800

Split Complementary

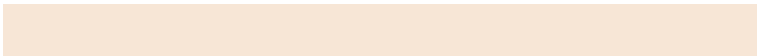
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6650, 81.0724, 77.6356



78.1059, 81.0724, 103.6274



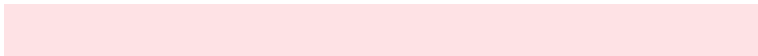
78.7026, 81.0724, 74.9225

Square

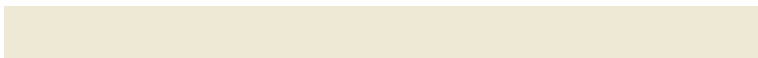
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1059, 81.0724, 103.6274



82.2463, 81.0724, 85.3169



76.0173, 81.0724, 74.5174



72.0905, 81.0724, 91.2987

Rectangle

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



78.1059, 81.0724, 103.6274



81.7080, 81.0724, 95.5190



76.0173, 81.0724, 74.5174



72.5857, 81.0724, 81.4051

Sweetspot

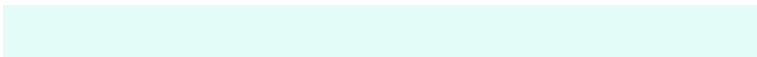
The Sweet Spot groups the original color and five complimentary colors.



78.1083, 81.0758, 103.6292



90.3702, 94.7356, 108.1305



83.2147, 92.6429, 101.1563



19.0815, 19.9827, 23.1013



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.



78.1083, 81.0758, 103.6292



77.3574, 80.0169, 105.9754



79.0004, 79.4747, 103.2731



16.5643, 17.2054, 21.8332



9.8383, 5.0322, 48.4263



0.9822, 0.6081, 4.5088

Inverse Universe

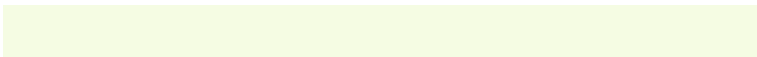
The Inverse Universe completely reimagines the original color for something new.



82.1814, 81.4617, 87.7401



82.3599, 80.5292, 86.4520



86.3041, 94.5658, 86.3790



17.3866, 17.2820, 18.6256



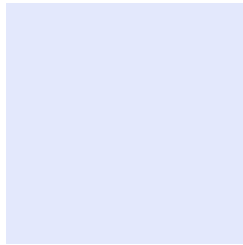
21.2580, 10.9189, 2.8009



2.0047, 1.0256, 0.4481

Previews

White Background



This preview shows how the XYZ color 78.1059, 81.0724, 103.6274 looks on a white background.

Color Contrast Check

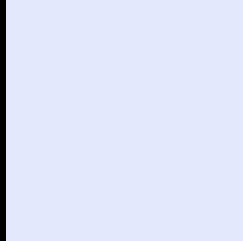
Large Text (above 18pt) WCAG AA × Fail

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 78.1059, 81.0724, 103.6274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

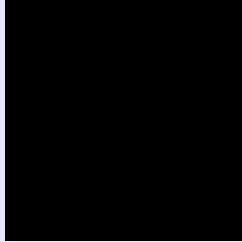
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1059, 81.0724, 103.6274

Background



This preview shows how black text looks on a background with the XYZ color 78.1059, 81.0724, 103.6274.



This preview shows how white text looks on a background with the XYZ color 78.1059, 81.0724,

103.6274.

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

78.1059, 81.0724, 103.6274

Protanopia

78.9435, 81.1058, 102.7610

Deuteranopia

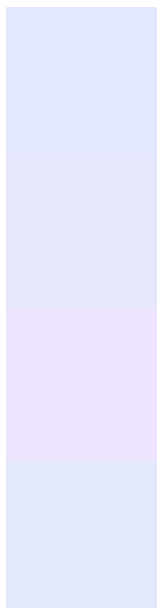
82.5822, 80.8970, 104.1906



Tritanopia

77.9478, 81.0092, 102.7948

Trichromacy



Original Color

78.1059, 81.0724, 103.6274

Protanomaly

78.6216, 80.9399, 102.7459

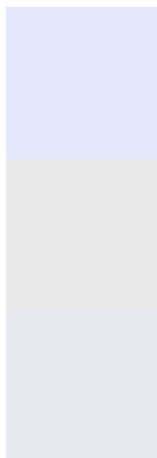
Deuteranomaly

80.7329, 80.7558, 104.2609

Tritanomaly

77.9478, 81.0092, 102.7948

Monochromacy



Original Color

78.1059, 81.0724, 103.6274

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.8221, 81.5580, 94.0787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1059, 81.0724, 103.6274 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, 232, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 232, 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, 232, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 232, 252) }
```

Border

The CSS property to change the border of an element to XYZ 78.1059, 81.0724, 103.6274 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, 232, 252) }
```


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

```
.border{ border-color:rgb(227, 232, 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, 232, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 232,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1059, 81.0724, 103.6274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 232, 252) }
```

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

```
.background{ background-color: rgb(227,  
232, 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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