

Converting Colors

XYZ(78.2313, 82.6776,
101.2683)

Have a look what the booklet for
XYZ(78.2313, 82.6776, 101.2683)
contains.

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Color

**XYZ(78.4584, 82.9992,
101.5078)**

Conversions

Conversions Part 1

Format	Color
Hex	E2ECF9
RGB	226, 236, 249
RGB Percent	89%, 93%, 98%
CMY	0.1137, 0.0745, 0.0235
CMYK	0.09, 0.05, 0.00, 0.02
HSL	214°, 66%, 93%
HSV	214°, 9%, 98%
XYZ	78.4584, 82.9992, 101.5078
YIQ	234.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

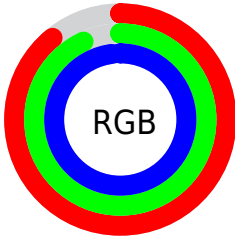
Format	Color
R _Y B	226, 233, 249
Decimal	14871801
CIE Lab	93.01, -0.86, -7.42
CIE LCh	93, 7.472, 263.429
Yxy	82.9992, 0.2984, 0.3156
Android (android.graphics.Color)	4293061881 (0xFFE2ECF9)
YUV	234.4920, 7.1524, -7.4475
Hunter-Lab	91.1039, -5.7082, -2.2881

Details

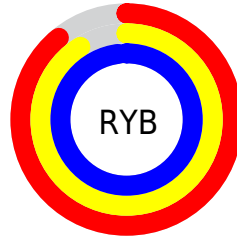
The XYZ color **78.4584, 82.9992, 101.5078** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6613, 87.3633, 84.4065**, and the grayscale version is **78.5346, 82.6245, 89.9781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7415, 45.1507, 56.9143** is the 20% darker color. If you saturate the color by 10%, you get **67.3179, 71.4792, 99.8727**, and if you desaturate by 10%, it is **91.0568, 95.7490, 103.3060**.

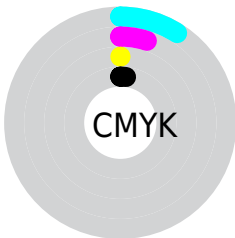
Distribution



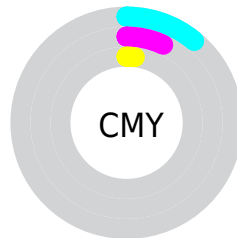
- Red (89%)
- Green (93%)
- Blue (98%)



- Red (89%)
- Yellow (91%)
- Blue (98%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4584, 82.9992, 101.5078 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 78.4584, 82.9992, 101.5078 by changing the saturation by 10% instead.

■ 78.4584, 82.9992,
101.5078

■ 78.4584, 82.9992,
101.5078

478.5382,
504.9839, 586.3040

■ 58.7547, 62.1895,
76.9365

130.1581,
137.5743, 165.2976

■ 42.6613, 45.1858,
56.6895

162.8848,
172.1086, 205.3532

■ 29.8128, 31.6038,
40.3483

200.6832,
211.9864, 251.4073

■ 19.8439, 21.0591,
27.4944

243.9186,
257.5923, 303.8784

■ 12.3892, 13.1672,
17.7091

292.9565,
309.3106, 363.1851

■ 7.0834, 7.5438,
10.5741

348.1622,

■ 3.5611, 3.8044,

367.5257, 429.7459

5.6707

409.9010,
432.6220, 503.9793

■ 1.4570, 1.5648,
2.5804

■ 0.2963, 0.3337,
0.8823

■ 78.4584, 82.9992,
101.5078

■ 78.4584, 82.9992,
101.5078

■ 67.3179, 71.4792,
99.8727

■ 91.0568, 95.7490,
103.3060

■ 57.5721, 61.1390,
98.3905

■ 94.0991, 99.6197,
103.8928

■ 49.1637, 51.9398,
97.0580

■ 42.0282, 43.8369,
95.8701

■ 36.0955, 36.7819,
94.8210

■ 31.2882, 30.7221,
93.9047

■ 27.5186, 25.5991,
93.1146

■ 24.6838, 21.3458,
92.4430

■ 22.6313, 17.8686,
91.8800

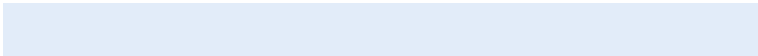
Harmonies

Analogous

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



76.6671, 82.9992, 99.3075



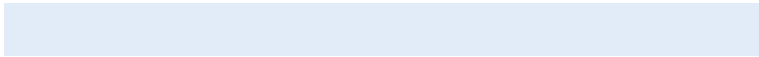
78.4584, 82.9992, 101.5078



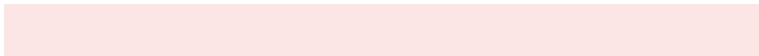
80.3941, 82.9992, 100.6266

Triad

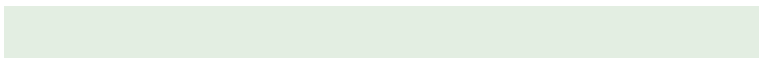
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4584, 82.9992, 101.5078



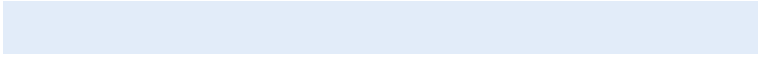
82.3920, 82.9992, 86.1538



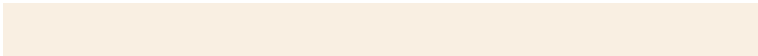
75.9042, 82.9992, 84.1012

Complementary

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



78.4584, 82.9992, 101.5078



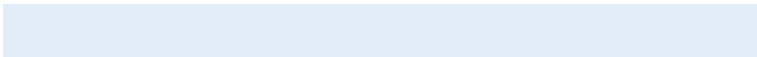
83.6613, 87.3633, 84.4065

Split Complementary

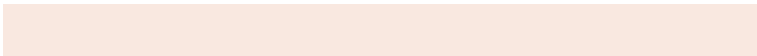
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4013, 82.9992, 80.8389



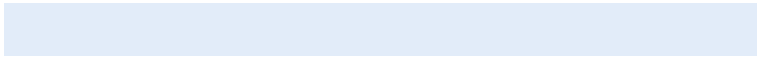
78.4584, 82.9992, 101.5078



81.1518, 82.9992, 81.9893

Square

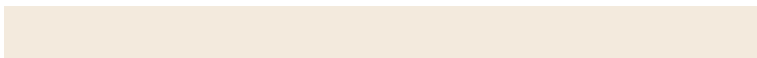
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4584, 82.9992, 101.5078



82.6863, 82.9992, 91.6109



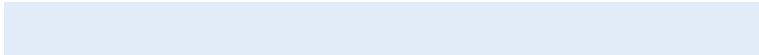
79.3197, 82.9992, 80.0820



75.2083, 82.9992, 89.1443

Rectangle

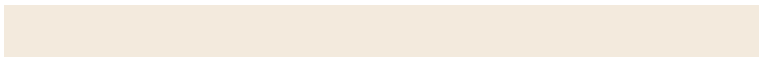
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



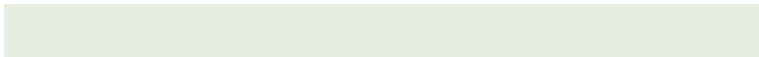
78.4584, 82.9992, 101.5078



81.5038, 82.9992, 98.4275



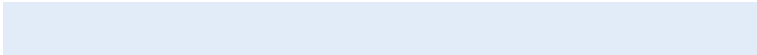
79.3197, 82.9992, 80.0820



76.3292, 82.9992, 82.7685

Sweetspot

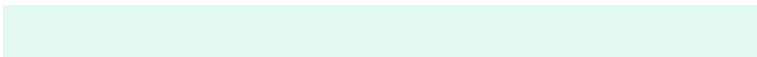
The Sweet Spot groups the original color and five complimentary colors.



78.4608, 83.0027, 101.5096



90.9277, 95.8507, 108.3164



80.7695, 90.1329, 94.5323



19.2316, 20.2829, 23.1513



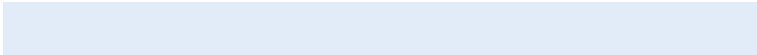
0.0000, 0.0000, 0.0000



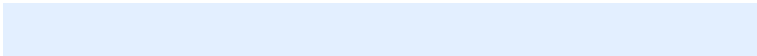
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4608, 83.0027, 101.5096



80.6231, 85.3635, 106.8352



76.0227, 77.5892, 100.5932



16.9040, 17.8849, 21.9465



12.1754, 9.7063, 49.2054



1.2309, 1.1055, 4.5917

Inverse Universe

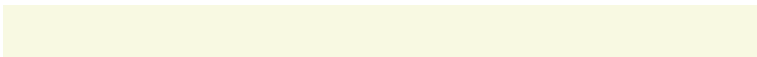
The Inverse Universe completely reimagines the original color for something new.



81.4055, 80.5904, 90.6258



84.2975, 82.4117, 93.2414



86.2628, 93.1728, 85.3907



17.5581, 17.3506, 19.5287



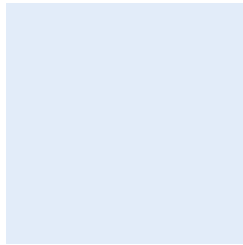
22.4376, 11.3908, 9.0128



2.1302, 1.0758, 1.1092

Previews

White Background



This preview shows how the XYZ color 78.4584, 82.9992, 101.5078 looks on a white background.

Color Contrast Check

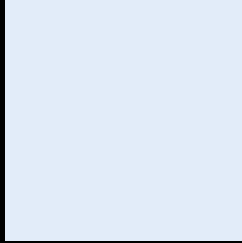
Large Text (above 18pt) WCAG AA × Fail

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 78.4584, 82.9992, 101.5078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

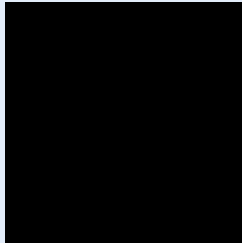
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

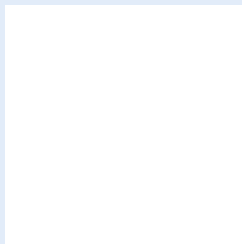
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.4584, 82.9992, 101.5078

Background



This preview shows how black text looks on a background with the XYZ color 78.4584, 82.9992, 101.5078.



This preview shows how white text looks on a background with the XYZ color 78.4584, 82.9992,

101.5078.

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

78.4584, 82.9992, 101.5078

Protanopia

80.1884, 82.6554, 99.7234

Deuteranopia

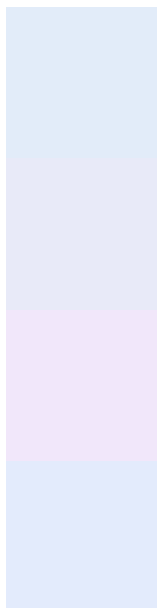
84.5803, 82.7758, 102.7863



Tritanopia

79.2763, 82.9033, 105.5896

Trichromacy



Original Color

78.4584, 82.9992, 101.5078

Protanomaly

79.6448, 82.7788, 100.5871

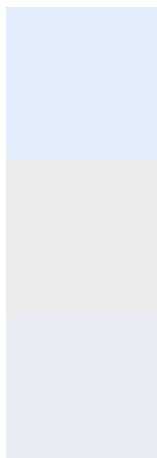
Deuteranomaly

82.1069, 82.7547, 102.0882

Tritanomaly

78.9576, 82.7758, 103.9113

Monochromacy



Original Color

78.4584, 82.9992, 101.5078

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.2433, 82.6376, 93.4881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4584, 82.9992, 101.5078 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, 236, 249)` looks like.

```
.text, #text, p{  
    color:rgb(226, 236, 249)  
}
```

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, 236, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 236, 249) }
```

Border

The CSS property to change the border of an element to XYZ 78.4584, 82.9992, 101.5078 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, 236, 249) }
```


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

```
.border{ border-color:rgb(226, 236, 249) }
```

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

Here you see how a box with a 4 pixel rgb(226, 236, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 236, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 236, 249);  
box-shadow:4px 4px 4px 4px rgb(226, 236,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4584, 82.9992, 101.5078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 236, 249) }
```

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

```
.background{ background-color: rgb(226,  
236, 249) }
```

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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