

Converting Colors

XYZ(82.3596, 83.3482,
101.5041)

Have a look what the booklet for
XYZ(82.3596, 83.3482, 101.5041)
contains.

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Color

**XYZ(82.2311, 83.2536,
101.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E8F9
RGB	241, 232, 249
RGB Percent	95%, 91%, 98%
CMY	0.0549, 0.0902, 0.0235
CMYK	0.03, 0.07, 0.00, 0.02
HSL	272°, 59%, 94%
HSV	272°, 7%, 98%
XYZ	82.2311, 83.2536, 101.3580
YIQ	236.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

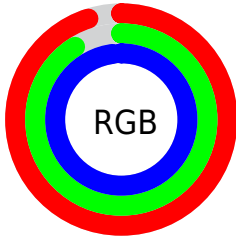
Format	Color
R _Y B	241, 232, 249
Decimal	15853817
CIE Lab	93.13, 6.07, -7.14
CIE LCh	93, 9.365, 310.370
Yxy	83.2536, 0.3082, 0.3120
Android (android.graphics.Color)	4294043897 (0xFF1E8F9)
YUV	236.6290, 6.0989, 3.8334
Hunter-Lab	91.2434, 1.1932, -1.9921

Details

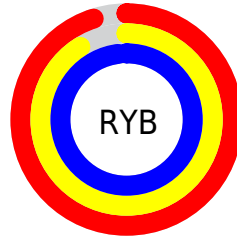
The XYZ color **82.2311, 83.2536, 101.3580** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.3795, 92.1051, 89.6790**, and the grayscale version is **80.1679, 84.3428, 91.8494**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1586, 45.2152, 56.7994** is the 20% darker color. If you saturate the color by 10%, you get **71.8404, 68.2208, 99.0053**, and if you desaturate by 10%, it is **93.2660, 99.1902, 103.8537**.

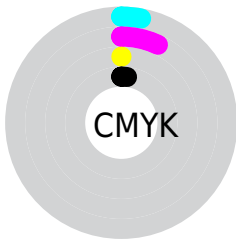
Distribution



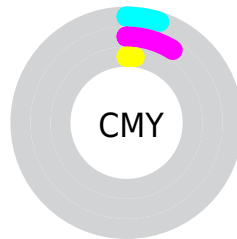
- Red (95%)
- Green (91%)
- Blue (98%)



- Red (95%)
- Yellow (91%)
- Blue (98%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2311, 83.2536, 101.3580 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 82.2311, 83.2536, 101.3580 by changing the saturation by 10% instead.

82.2311, 83.2536,
101.3580

82.2311, 83.2536,
101.3580

491.0432,
505.8313, 585.8216

61.8708, 62.3994,
76.8120

135.4322,
137.9306, 165.0903

45.1835, 45.3555,
56.5879

169.0036,
172.5222, 205.1136

31.8039, 31.7375,
40.2673

207.7096,
212.4616, 251.1330

21.3666, 21.1611,
27.4317

251.9153,
258.1334, 303.5672

13.5062, 13.2418,
17.6624

301.9861,
309.9218, 362.8346

7.8574, 7.5953,
10.5409

358.2875,

4.0549, 3.8371,

368.2114, 429.3538

5.6488

421.1847,
433.3864, 503.5433

■ 1.7332, 1.5828,
2.5674

■ 0.4769, 0.3460,
0.8756

■ 82.2311, 83.2536,
101.3580

■ 82.2311, 83.2536,
101.3580

■ 71.8404, 68.2208,
99.0053

■ 93.2660, 99.1902,
103.8537

■ 62.6514, 55.2175,
96.9797

■ 94.0991, 99.6196,
103.8927

■ 54.6171, 44.1560,
95.2681

■ 47.6843, 34.9375,
93.8541

■ 41.7954, 27.4544,
92.7201

■ 36.8869, 21.5878,
91.8465

■ 32.8871, 17.2027,
91.2109

■ 29.7129, 14.1416,
90.7873

■ 27.2600, 12.2051,
90.5428

Harmonies

Analogous

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



79.9839, 83.2536, 104.6267



82.2311, 83.2536, 101.3580



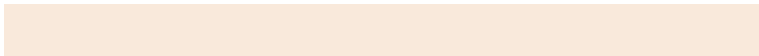
83.6658, 83.2536, 95.2729

Triad

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



82.2311, 83.2536, 101.3580



80.7285, 83.2536, 78.4879



74.5713, 83.2536, 93.1074

Complementary

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



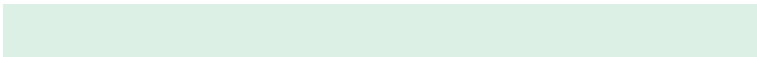
82.2311, 83.2536, 101.3580



84.3795, 92.1051, 89.6790

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.



74.7613, 83.2536, 86.1772



82.2311, 83.2536, 101.3580



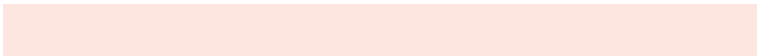
78.2823, 83.2536, 77.9752

Square

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



82.2311, 83.2536, 101.3580



82.7859, 83.2536, 82.1610



76.1080, 83.2536, 80.7222



75.5834, 83.2536, 99.7023

Rectangle

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



82.2311, 83.2536, 101.3580



83.9511, 83.2536, 90.5617



76.1080, 83.2536, 80.7222



74.4972, 83.2536, 90.7364

Sweetspot

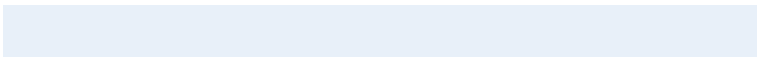
The Sweet Spot groups the original color and five complimentary colors.



82.2335, 83.2572, 101.3598



92.5669, 96.3366, 108.3238



81.6047, 86.4464, 102.0086



19.8392, 20.6584, 23.1918



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.



82.2335, 83.2572, 101.3598



85.4390, 85.8920, 106.6834



84.9806, 84.6785, 101.2579



17.1602, 17.0952, 21.7806



14.3949, 6.3635, 48.4431



1.4557, 0.6525, 4.4924

Inverse Universe

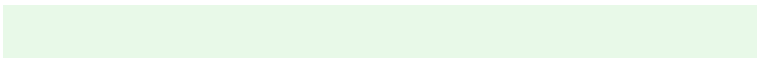
The Inverse Universe completely reimagines the original color for something new.



83.6547, 84.1481, 94.2756



87.1938, 86.9918, 97.9446



81.7633, 90.7517, 89.7668



17.5847, 17.3612, 19.6688



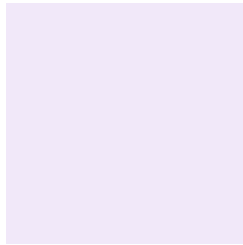
22.7076, 11.4988, 10.4345



2.1562, 1.0862, 1.2459

Previews

White Background



This preview shows how the XYZ color 82.2311, 83.2536, 101.3580 looks on a white background.

Color Contrast Check

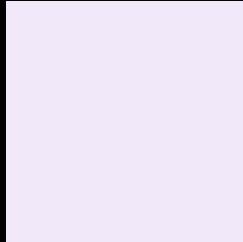
Large Text (above 18pt) WCAG AA × Fail

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 82.2311, 83.2536, 101.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

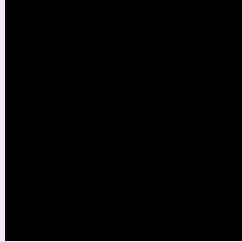
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

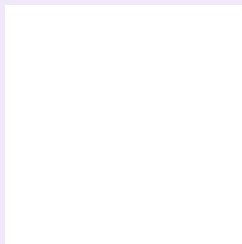
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2311, 83.2536, 101.3580

Background



This preview shows how black text looks on a background with the XYZ color 82.2311, 83.2536, 101.3580.



This preview shows how white text looks on a background with the XYZ color 82.2311, 83.2536,

101.3580.

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

82.2311, 83.2536, 101.3580

Protanopia

80.9391, 83.4099, 102.2763

Deuteranopia

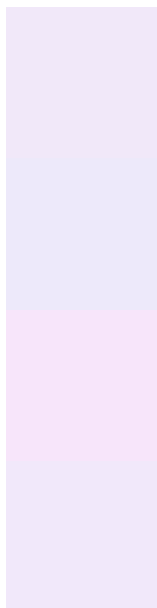
84.7824, 82.8982, 101.9749



Tritanopia

82.3876, 83.3161, 102.1818

Trichromacy



Original Color

82.2311, 83.2536, 101.3580

Protanomaly

81.3193, 83.1845, 102.2127

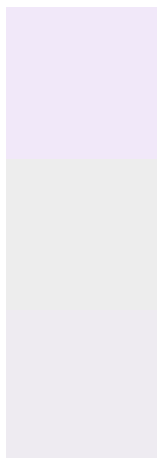
Deuteranomaly

83.6324, 82.7149, 102.0002

Tritanomaly

82.3876, 83.3161, 102.1818

Monochromacy



Original Color

82.2311, 83.2536, 101.3580

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.8454, 83.9447, 95.1610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2311, 83.2536, 101.3580 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(241, 232, 249)` looks like.

```
.text, #text, p{  
    color:rgb(241, 232, 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(241, 232, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 232, 249) }
```

Border

The CSS property to change the border of an element to XYZ 82.2311, 83.2536, 101.3580 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(241, 232, 249) }
```


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

```
.border{ border-color:rgb(241, 232, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 232, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 232, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 232, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 232,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2311, 83.2536, 101.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 232, 249) }
```

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

```
.background{ background-color: rgb(241,  
232, 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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