

Converting Colors

XYZ(81.2747, 84.4230,
102.7916)

Have a look what the booklet for
XYZ(81.2747, 84.4230, 102.7916)
contains.

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Color

**XYZ(81.1825, 84.3855,
102.4517)**

Conversions

Conversions Part 1

Format	Color
Hex	EAECFA
RGB	234, 236, 250
RGB Percent	92%, 93%, 98%
CMY	0.0823, 0.0745, 0.0196
CMYK	0.06, 0.06, 0.00, 0.02
HSL	232°, 62%, 95%
HSV	232°, 6%, 98%
XYZ	81.1825, 84.3855, 102.4517
YIQ	236.9980, -5.6860, 3.9300

Conversions

Conversions Part 2

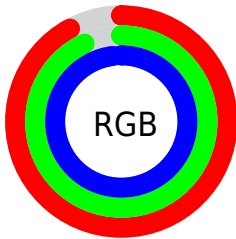
Format	Color
R _Y B	234, 236, 250
Decimal	15396090
CIE Lab	93.62, 1.91, -6.99
CIE LCh	94, 7.242, 285.291
Yxy	84.3855, 0.3029, 0.3148
Android (android.graphics.Color)	4293586170 (0xFFEAECFA)
YUV	236.9980, 6.4100, -2.6292
Hunter-Lab	91.8616, -3.0087, -1.8220

Details

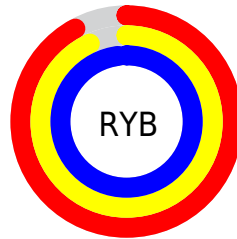
The XYZ color **81.1825, 84.3855, 102.4517** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.8433, 93.3985, 91.2413**, and the grayscale version is **80.4522, 84.6420, 92.1752**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4190, 46.0025, 57.5772** is the 20% darker color. If you saturate the color by 10%, you get **67.6316, 68.6198, 100.1241**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7165**.

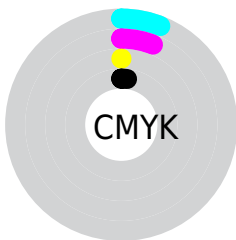
Distribution



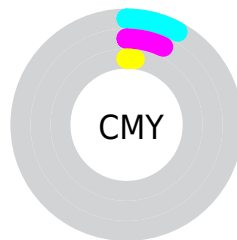
- Red (92%)
- Green (93%)
- Blue (98%)



- Red (92%)
- Yellow (93%)
- Blue (98%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1825, 84.3855, 102.4517 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 81.1825, 84.3855, 102.4517 by changing the saturation by 10% instead.

81.1825, 84.3855,
102.4517

81.1825, 84.3855,
102.4517

487.5851,
509.5925, 589.3385

61.0037, 63.3338,
77.7214

133.9688,
139.5143, 166.6035

44.4807, 46.1113,
57.3300

167.3070,
174.3602, 206.8620

31.2481, 32.3336,
40.8591

205.7625,
214.5728, 253.1337

20.9406, 21.6165,
27.8902

249.7005,
260.5368, 305.8371

13.1928, 13.5754,
18.0046

299.4864,
312.6363, 365.3908

7.6394, 7.8259,
10.7838

355.4856,

3.9149, 3.9838,

371.2558, 432.2132

5.8093

418.0633,
436.7798, 506.7229

■ 1.6541, 1.6645,
2.6626

■ 0.4273, 0.4005,
0.9245

■ 81.1825, 84.3855,
102.4517

■ 81.1825, 84.3855,
102.4517

■ 67.6316, 68.6198,
100.1241

■ 94.2556, 99.6822,
104.7165

■ 55.9313, 54.9091,
98.0944

■ 46.0032, 43.1717,
96.3521

■ 37.7601, 33.3162,
94.8842

■ 31.1076, 25.2439,
93.6768

■ 25.9418, 18.8471,
92.7143

■ 22.1463, 14.0061,
91.9799

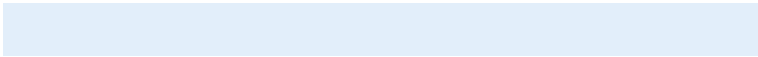
■ 19.5866, 10.5850,
91.4545

■ 18.0996, 8.4231,
91.1156

Harmonies

Analogous

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



79.2730, 84.3855, 102.4816



81.1825, 84.3855, 102.4517



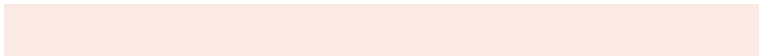
82.8558, 84.3855, 99.5147

Triad

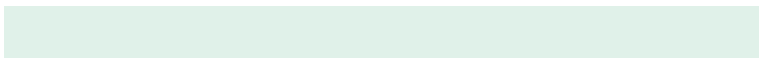
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1825, 84.3855, 102.4517



82.8287, 84.3855, 84.5771



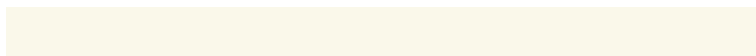
76.6911, 84.3855, 89.2255

Complementary

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



81.1825, 84.3855, 102.4517



87.8433, 93.3985, 91.2413

Split Complementary

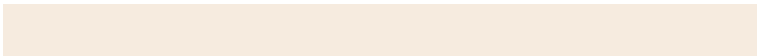
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6131, 84.3855, 84.6489



81.1825, 84.3855, 102.4517



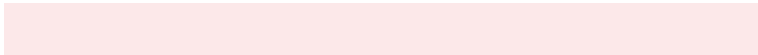
81.1460, 84.3855, 82.0387

Square

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



81.1825, 84.3855, 102.4517



83.8164, 84.3855, 89.1238



79.2371, 84.3855, 82.0645



76.7005, 84.3855, 94.6954

Rectangle

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



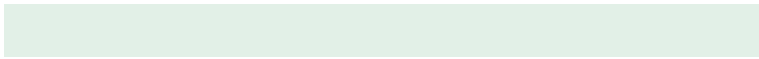
81.1825, 84.3855, 102.4517



83.6033, 84.3855, 96.3680



79.2371, 84.3855, 82.0645



76.9018, 84.3855, 87.5364

Sweetspot

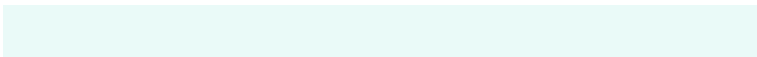
The Sweet Spot groups the original color and five complimentary colors.



81.1850, 84.3891, 102.4536



91.7917, 96.2320, 108.3444



85.0413, 92.6341, 102.0978



19.6813, 20.6371, 23.1960



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.



81.1850, 84.3891, 102.4536



82.5080, 85.4720, 106.7569



82.5695, 84.2513, 102.3540



16.4581, 16.9931, 21.7979



9.4718, 4.2992, 48.3042



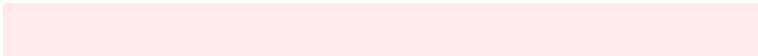
0.9309, 0.5054, 4.4917

Inverse Universe

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



83.9894, 85.2275, 91.3849



86.1426, 86.5713, 92.4089



86.3928, 93.5701, 91.3509



17.3330, 17.2606, 18.3435



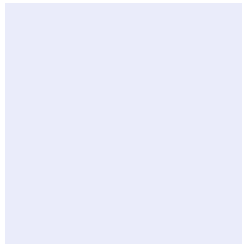
21.0730, 10.8449, 1.8267



1.9788, 1.0153, 0.3117

Previews

White Background



This preview shows how the XYZ color 81.1825, 84.3855, 102.4517 looks on a white background.

Color Contrast Check

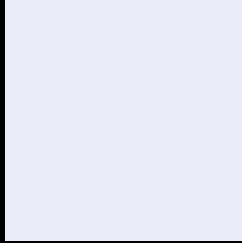
Large Text (above 18pt) WCAG AA × Fail

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 81.1825, 84.3855, 102.4517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

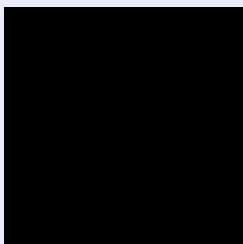
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1825, 84.3855, 102.4517

Background



This preview shows how black text looks on a background with the XYZ color 81.1825, 84.3855, 102.4517.



This preview shows how white text looks on a background with the XYZ color 81.1825, 84.3855,

102.4517.

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

81.1825, 84.3855, 102.4517

Protanopia

81.7323, 84.2607, 101.5787

Deuteranopia

86.2174, 84.4413, 103.0214



Tritanopia

81.8587, 84.2346, 105.7104

Trichromacy



Original Color

81.1825, 84.3855, 102.4517

Protanomaly

81.3993, 84.0891, 101.5631

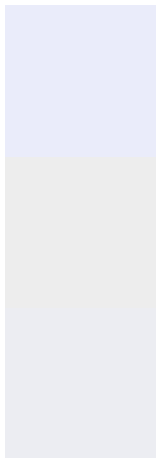
Deuteranomaly

84.2752, 84.2711, 103.0910

Tritanomaly

81.6989, 84.1707, 104.8691

Monochromacy



Original Color

81.1825, 84.3855, 102.4517

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.9033, 84.8120, 96.1107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1825, 84.3855, 102.4517 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(234, 236, 250) looks like.

```
.text, #text, p{  
    color:rgb(234, 236, 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(234, 236, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 236, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.1825, 84.3855, 102.4517 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(234, 236, 250) }
```


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

```
.border{ border-color:rgb(234, 236, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 236, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 236, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 236, 250);  
box-shadow:4px 4px 4px 4px rgb(234, 236,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1825, 84.3855, 102.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 236, 250) }
```

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

```
.background{ background-color: rgb(234,  
236, 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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