

Converting Colors

XYZ(81.2395, 85.0422,
106.2529)

Have a look what the booklet for
XYZ(81.2395, 85.0422, 106.2529)
contains.

XYZ(81.4189, 85.2938, 105.9380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.4189, 85.2938,
105.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	E7EEFE
RGB	231, 238, 254
RGB Percent	91%, 93%, 100%
CMY	0.0941, 0.0666, 0.0039
CMYK	0.09, 0.06, 0.00, 0.00
HSL	222°, 92%, 95%
HSV	222°, 9%, 100%
XYZ	81.4189, 85.2938, 105.9380
YIQ	237.7310, -9.3080, 3.4920

Conversions

Conversions Part 2

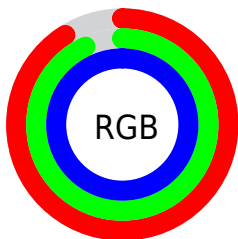
Format	Color
R _{YB}	231, 236, 254
Decimal	15199998
CIE Lab	94.01, 0.68, -8.51
CIE LCh	94, 8.536, 274.575
Yxy	85.2938, 0.2986, 0.3128
Android (android.graphics.Color)	4293390078 (0xFFE7EEFE)
YUV	237.7310, 8.0206, -5.9031
Hunter-Lab	92.3546, -4.2569, -3.3620

Details

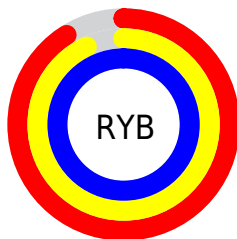
The XYZ color **81.4189, 85.2938, 105.9380** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.5578, 93.3610, 88.9557**, and the grayscale version is **81.0073, 85.2260, 92.8111**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4852, 46.6011, 59.4736** is the 20% darker color. If you saturate the color by 10%, you get **68.9153, 71.5858, 103.9524**, and if you desaturate by 10%, it is **94.8896, 99.9359, 108.0555**.

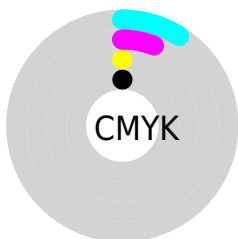
Distribution



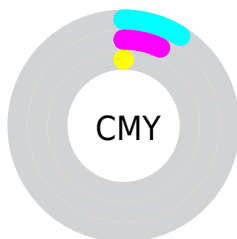
- Red (91%)
- Green (93%)
- Blue (100%)



- Red (91%)
- Yellow (93%)
- Blue (100%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4189, 85.2938, 105.9380 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 81.4189, 85.2938, 105.9380 by changing the saturation by 10% instead.

81.4189, 85.2938,
105.9380

81.4189, 85.2938,
105.9380

488.3659,
512.5997, 600.4758

61.1991, 64.0842,
80.6244

134.2989,
140.7836, 171.4165

44.6390, 46.7188,
59.7031

167.6898,
175.8325, 212.4184

31.3733, 32.8134,
42.7556

206.2018,
216.2634, 259.4869

21.0365, 21.9836,
29.3634

250.2003,
262.4605, 313.0404

13.2633, 13.8448,
19.1080

300.0506,
314.8083, 373.4975

7.6883, 8.0128,
11.5707

356.1181,

3.9463, 4.1032,

373.6912, 441.2767

6.3331

418.7680,
439.4935, 516.7967

■ 1.6718, 1.7314,
2.9766

■ 0.4385, 0.4439,
1.0827

■ 81.4189, 85.2938,
105.9380

■ 81.4189, 85.2938,
105.9380

■ 68.9153, 71.5858,
103.9524

94.8896, 99.9359,
108.0555

■ 58.0381, 59.4416,
102.1817

■ 48.7200, 48.8064,
100.6200

■ 40.8857, 39.6179,
99.2593

■ 34.4537, 31.8090,
98.0911

■ 29.3339, 25.3069,
97.1059

■ 25.4249, 20.0312,
96.2936

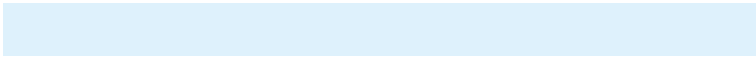
■ 22.6084, 15.8905,
95.6428

■ 20.7168, 12.7656,
95.1393

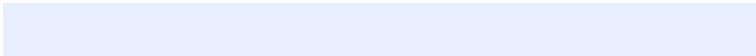
Harmonies

Analogous

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



79.2040, 85.2938, 104.6610



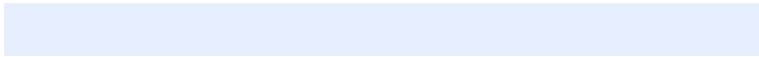
81.4189, 85.2938, 105.9380



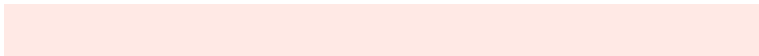
83.5791, 85.2938, 103.5817

Triad

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



81.4189, 85.2938, 105.9380



84.7277, 85.2938, 85.9353



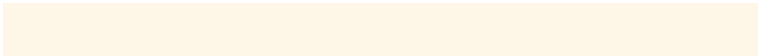
77.1791, 85.2938, 87.5906

Complementary

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



81.4189, 85.2938, 105.9380



88.5578, 93.3610, 88.9557

Split Complementary

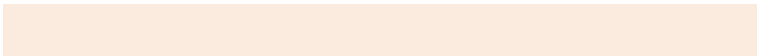
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6100, 85.2938, 82.9243



81.4189, 85.2938, 105.9380



82.9634, 85.2938, 82.0004

Square

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



81.4189, 85.2938, 105.9380



85.5121, 85.2938, 91.8740



80.7205, 85.2938, 80.9243



76.7829, 85.2938, 93.8741

Rectangle

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



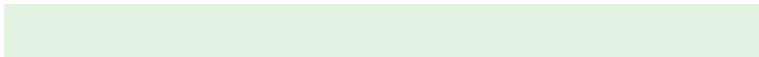
81.4189, 85.2938, 105.9380



84.6894, 85.2938, 100.3294



80.7205, 85.2938, 80.9243



77.5537, 85.2938, 85.7906

Sweetspot

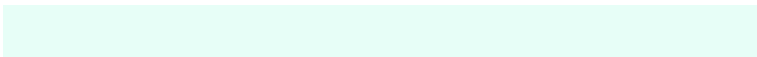
The Sweet Spot groups the original color and five complimentary colors.



81.4214, 85.2974, 105.9399



90.6174, 95.2300, 108.2129



85.1430, 94.5719, 101.5346



19.1480, 20.1157, 23.1235



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.



81.4214, 85.2974, 105.9399



79.5620, 83.2413, 106.4815



80.7992, 82.0081, 105.3378



17.4540, 18.2796, 22.8583



10.9566, 6.8227, 50.1740



1.1582, 0.8472, 4.9157

Inverse Universe

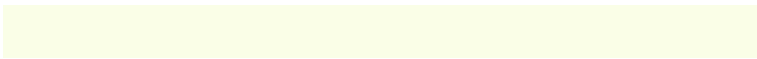
The Inverse Universe completely reimagines the original color for something new.



84.8835, 84.3974, 92.7097



83.7619, 82.1974, 90.4211



89.2137, 96.9385, 89.6117



18.2371, 18.0781, 19.8655



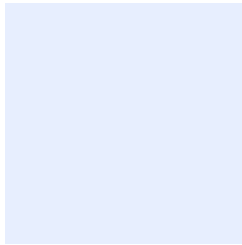
22.3186, 11.4167, 5.0621



2.2192, 1.1301, 0.7359

Previews

White Background



This preview shows how the XYZ color 81.4189, 85.2938, 105.9380 looks on a white background.

Color Contrast Check

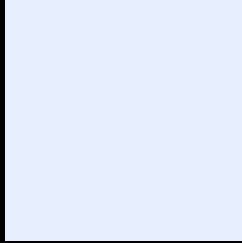
Large Text (above 18pt) WCAG AA × Fail

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 81.4189, 85.2938, 105.9380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

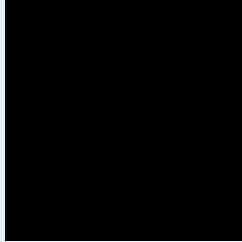
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4189, 85.2938, 105.9380

Background



This preview shows how black text looks on a background with the XYZ color 81.4189, 85.2938, 105.9380.



This preview shows how white text looks on a background with the XYZ color 81.4189, 85.2938,

105.9380.

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

81.4189, 85.2938, 105.9380

Protanopia

82.6501, 85.0873, 104.9959

Deuteranopia

86.7708, 85.0673, 106.4541



Tritanopia

81.9032, 85.5249, 106.7989

Trichromacy



Original Color

81.4189, 85.2938, 105.9380

Protanomaly

82.2748, 85.3224, 105.0610

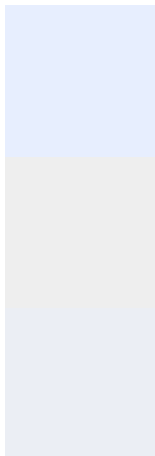
Deuteranomaly

84.7810, 85.2987, 106.6036

Tritanomaly

81.9032, 85.5249, 106.7989

Monochromacy



Original Color

81.4189, 85.2938, 105.9380

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.1646, 85.3429, 97.7829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4189, 85.2938, 105.9380 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(231, 238, 254) looks like.

```
.text, #text, p{  
    color:rgb(231, 238, 254)  
}
```

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(231, 238, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 238, 254) }
```

Border

The CSS property to change the border of an element to XYZ 81.4189, 85.2938, 105.9380 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(231, 238, 254) }
```


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

```
.border{ border-color:rgb(231, 238, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 238, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 238, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 238, 254); box-shadow:4px 4px 4px 4px rgb(231, 238, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4189, 85.2938, 105.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 238, 254) }
```

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

```
.background{ background-color: rgb(231,  
238, 254) }
```

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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