

Converting Colors

XYZ(81.3508, 88.4637,
101.0667)

Have a look what the booklet for
XYZ(81.3508, 88.4637, 101.0667)
contains.

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Color

**XYZ(81.4358, 88.5142,
100.7885)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F5F7
RGB	228, 245, 247
RGB Percent	89%, 96%, 97%
CMY	0.1059, 0.0392, 0.0314
CMYK	0.08, 0.01, 0.00, 0.03
HSL	186°, 54%, 93%
HSV	186°, 8%, 97%
XYZ	81.4358, 88.5142, 100.7885
YIQ	240.1450, -10.7740, -2.9820

Conversions

Conversions Part 2

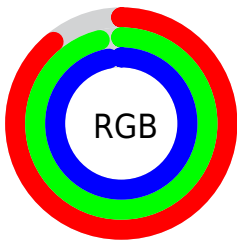
Format	Color
R_{YB}	228, 237, 247
Decimal	15005175
CIE Lab	95.38, -5.18, -2.89
CIE LCh	95, 5.930, 209.125
Yxy	88.5142, 0.3008, 0.3269
Android (android.graphics.Color)	4293195255 (0xFFE4F5F7)
YUV	240.1450, 3.3795, -10.6512
Hunter-Lab	94.0820, -10.1368, 2.3410

Details

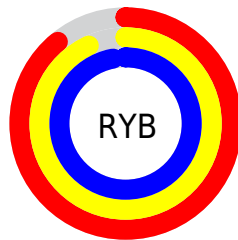
The XYZ color **81.4358, 88.5142, 100.7885** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.6585, 81.9686, 84.9705**, and the grayscale version is **82.9205, 87.2388, 95.0031**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8351, 49.0410, 56.3930** is the 20% darker color. If you saturate the color by 10%, you get **73.3740, 83.2033, 100.1897**, and if you desaturate by 10%, it is **90.6331, 94.4317, 101.4473**.

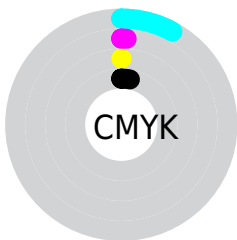
Distribution



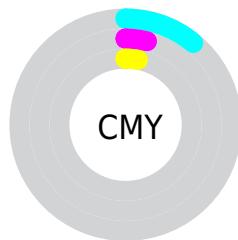
- Red (89%)
- Green (96%)
- Blue (97%)



- Red (89%)
- Yellow (93%)
- Blue (97%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4358, 88.5142, 100.7885 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 81.4358, 88.5142, 100.7885 by changing the saturation by 10% instead.

81.4358, 88.5142,
100.7885

81.4358, 88.5142,
100.7885

488.4217,
523.1857, 583.9860

61.2131, 66.7490,
76.3387

134.3225,
145.2728, 164.3017

44.6504, 48.8807,
56.2019

167.7172,
181.0350, 204.2021

31.3822, 34.5248,
39.9598

206.2332,
222.2317, 250.0897

21.0433, 23.2971,
27.1936

250.2360,
269.2472, 302.3832

13.2683, 14.8130,
17.4850

300.0909,
322.4660, 361.5010

7.6918, 8.6883,
10.4153

356.1632,

3.9485, 4.5384,

382.2724, 427.8617

5.5660

418.8184,
449.0508, 501.8839

■ 1.6731, 1.9791,
2.5185

■ 0.4393, 0.5953,
0.8499

■ 81.4358, 88.5142,
100.7885

■ 81.4358, 88.5142,
100.7885

■ 73.3740, 83.2033,
100.1897

■ 90.6331, 94.4317,
101.4473

■ 66.3929, 78.4633,
99.6427

■ 92.2752, 96.4684,
101.7539

■ 60.4444, 74.2718,
99.1472

■ 93.0880, 98.0940,
102.0248

■ 55.4737, 70.6006,
98.7006

■ 93.7888, 99.4955,
102.2584

■ 51.4211, 67.4188,
98.3000

■ 48.2201, 64.6920,
97.9424

■ 45.7951, 62.3812,
97.6242

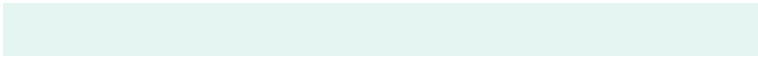
■ 44.0574, 60.4406,
97.3412

■ 42.8884, 58.8089,
97.0879

Harmonies

Analogous

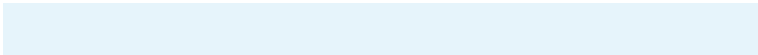
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0510, 88.5142, 96.2406



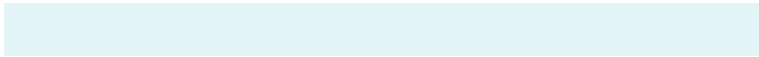
81.4358, 88.5142, 100.7885



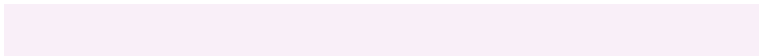
82.5403, 88.5142, 104.2456

Triad

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



81.4358, 88.5142, 100.7885



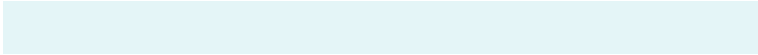
86.8345, 88.5142, 101.0321



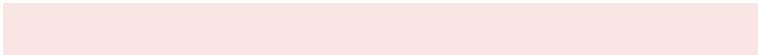
84.1777, 88.5142, 87.7217

Complementary

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



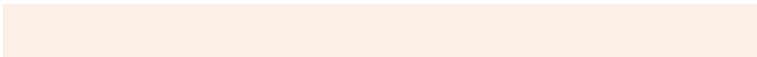
81.4358, 88.5142, 100.7885



80.6585, 81.9686, 84.9705

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.



85.7402, 88.5142, 88.9145



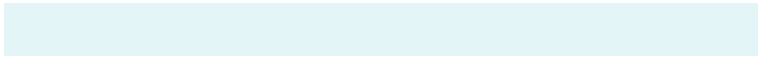
81.4358, 88.5142, 100.7885



87.2862, 88.5142, 96.5134

Square

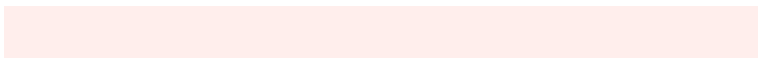
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4358, 88.5142, 100.7885



85.6567, 88.5142, 104.3894



86.8832, 88.5142, 92.0960



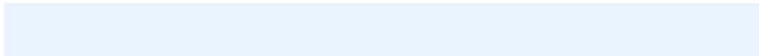
82.6217, 88.5142, 88.7853

Rectangle

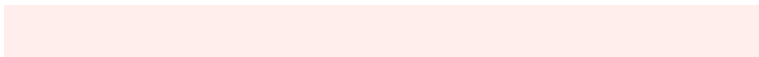
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



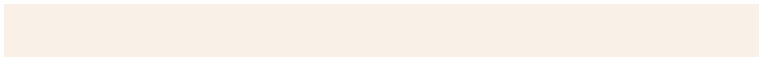
81.4358, 88.5142, 100.7885



83.5432, 88.5142, 105.4143



86.8832, 88.5142, 92.0960



84.7197, 88.5142, 87.8714

Sweetspot

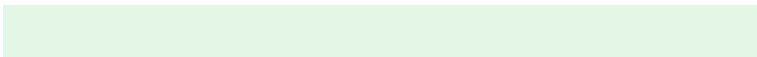
The Sweet Spot groups the original color and five complimentary colors.



81.4383, 88.5179, 100.7905



93.0278, 98.7041, 108.7565



79.5259, 88.7245, 87.7248



19.9330, 21.1404, 23.2799



0.0000, 0.0000, 0.0000



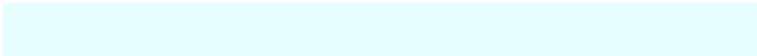
20.3446, 21.4041, 23.3091

Same Dimension

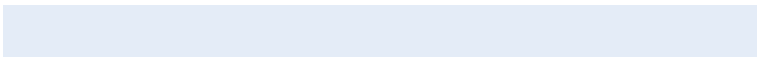
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4383, 88.5179, 100.7905



86.3405, 94.3754, 108.2734



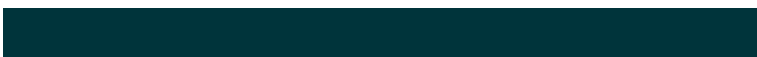
78.6652, 82.9717, 99.8661



16.8393, 18.4428, 21.2149



22.6230, 31.0399, 51.3370



2.0303, 2.8119, 4.5260

Inverse Universe

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



82.5846, 81.8552, 97.8376



87.7749, 86.0670, 104.5718



83.3465, 87.3445, 85.8665



17.1342, 16.7365, 20.4532



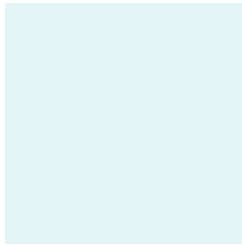
27.2236, 13.2329, 37.4813



2.4138, 1.1715, 3.4056

Previews

White Background



This preview shows how the XYZ color 81.4358, 88.5142, 100.7885 looks on a white background.

Color Contrast Check

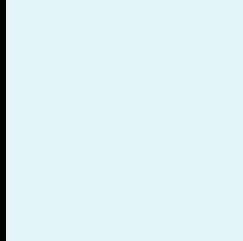
Large Text (above 18pt) WCAG AA × Fail

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 81.4358, 88.5142, 100.7885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

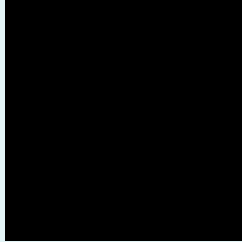
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4358, 88.5142, 100.7885

Background



This preview shows how black text looks on a background with the XYZ color 81.4358, 88.5142, 100.7885.



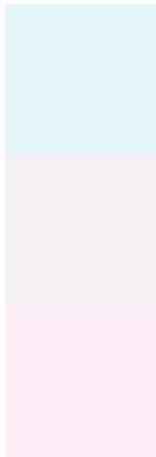
This preview shows how white text looks on a background with the XYZ color 81.4358, 88.5142,

100.7885.

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

81.4358, 88.5142, 100.7885

Protanopia

85.1454, 88.2643, 98.1370

Deuteranopia

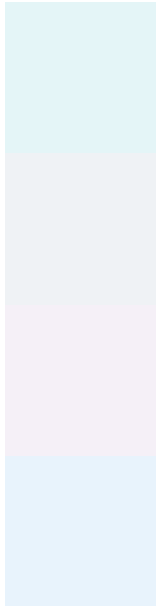
88.3127, 88.5438, 100.4318



Tritanopia

83.7338, 88.2167, 107.2220

Trichromacy



Original Color

81.4358, 88.5142, 100.7885

Protanomaly

83.8302, 88.4476, 99.0400

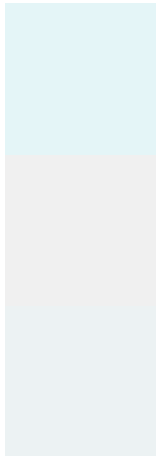
Deuteranomaly

85.6048, 88.4481, 100.5560

Tritanomaly

82.9000, 88.2853, 104.7669

Monochromacy



Original Color

81.4358, 88.5142, 100.7885

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5219, 87.8082, 97.3933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4358, 88.5142, 100.7885 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(228, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(228, 245, 247)  
}
```

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(228, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 245, 247) }
```

Border

The CSS property to change the border of an element to XYZ 81.4358, 88.5142, 100.7885 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(228, 245, 247) }
```


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

```
.border{ border-color:rgb(228, 245, 247) }
```

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

Here you see how a box with a 4 pixel rgb(228, 245, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(228, 245,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4358, 88.5142, 100.7885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 245, 247) }
```

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

```
.background{ background-color: rgb(228,  
245, 247) }
```

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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