

Converting Colors

XYZ(98.2577, 95.3181,
193.4324)

Have a look what the booklet for
XYZ(98.2577, 95.3181, 193.4324)
contains.

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Color

**XYZ(81.7537, 88.5324,
107.3873)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F5FF
RGB	225, 245, 255
RGB Percent	88%, 96%, 100%
CMY	0.1176, 0.0392, 0.0000
CMYK	0.12, 0.04, 0.00, 0.00
HSL	200°, 100%, 94%
HSV	200°, 12%, 100%
XYZ	81.7537, 88.5324, 107.3873
YIQ	240.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

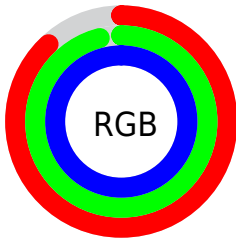
Format	Color
R _Y B	225, 237, 255
Decimal	14808575
CIE Lab	95.38, -4.60, -7.04
CIE LCh	95, 8.405, 236.851
Yxy	88.5324, 0.2944, 0.3188
Android (android.graphics.Color)	4292998655 (0xFFE1F5FF)
YUV	240.1600, 7.3161, -13.2953
Hunter-Lab	94.0917, -9.5666, -1.8038

Details

The XYZ color **81.7537, 88.5324, 107.3873** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5382, 86.1110, 83.4010**, and the grayscale version is **82.9047, 87.2222, 94.9850**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9682, 49.0185, 60.5175** is the 20% darker color. If you saturate the color by 10%, you get **71.8790, 79.7156, 106.2060**, and if you desaturate by 10%, it is **92.9383, 98.2044, 108.6647**.

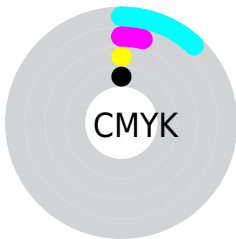
Distribution



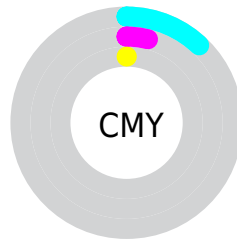
- Red (88%)
- Green (96%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7537, 88.5324, 107.3873 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 81.7537, 88.5324, 107.3873 by changing the saturation by 10% instead.

81.7537, 88.5324,
107.3873

81.7537, 88.5324,
107.3873

489.4705,
523.2452, 605.0740

61.4760, 66.7641,
81.8330

134.7662,
145.2981, 173.4127

44.8634, 48.8929,
60.6929

168.2316,
181.0644, 214.7208

31.5507, 34.5345,
43.5484

206.8237,
222.2653, 262.1173

21.1724, 23.3046,
29.9811

250.9077,
269.2854, 316.0207

13.3633, 14.8185,
19.5723

300.8490,
322.5091, 376.8495

7.7579, 8.6921,
11.9035

357.0130,

3.9909, 4.5409,

382.3206, 445.0223

6.5563

419.7650,
449.1045, 520.9576

■ 1.6970, 1.9805,
3.1120

■ 0.4544, 0.5961,
1.1521

■ 81.7537, 88.5324,
107.3873

■ 81.7537, 88.5324,
107.3873

■ 71.8790, 79.7156,
106.2060

■ 92.9383, 98.2044,
108.6647

■ 63.2532, 71.7132,
105.1160

95.0500, 100.0000,
108.9000

■ 55.8205, 64.4964,
104.1147

■ 49.5183, 58.0305,
103.1988

■ 44.2776, 52.2773,
102.3646

■ 40.0211, 47.1947,
101.6079

■ 36.6604, 42.7344,
100.9241

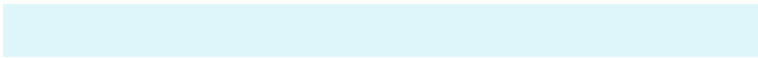
■ 34.0890, 38.8388,
100.3077

■ 32.4324, 35.9848,
99.8441

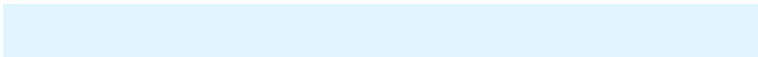
Harmonies

Analogous

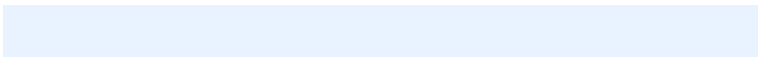
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2655, 88.5324, 102.2275



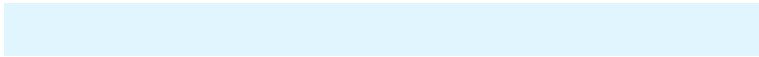
81.7537, 88.5324, 107.3873



83.9048, 88.5324, 109.5955

Triad

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



81.7537, 88.5324, 107.3873



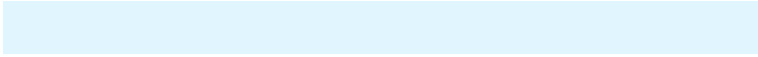
88.6379, 88.5324, 97.0938



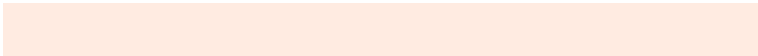
82.1669, 88.5324, 85.5391

Complementary

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



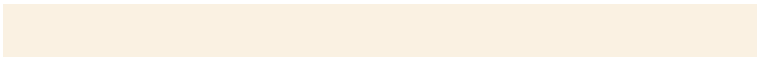
81.7537, 88.5324, 107.3873



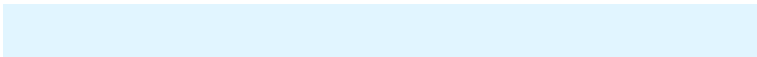
84.5382, 86.1110, 83.4010

Split Complementary

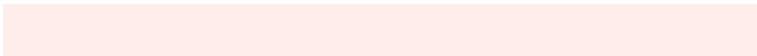
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3904, 88.5324, 84.3026



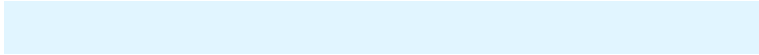
81.7537, 88.5324, 107.3873



88.1524, 88.5324, 90.7920

Square

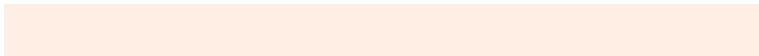
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



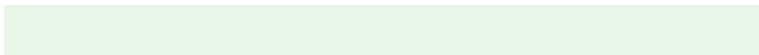
81.7537, 88.5324, 107.3873



87.9022, 88.5324, 103.4851



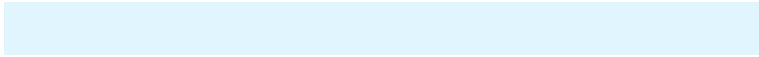
86.5874, 88.5324, 86.1829



80.5010, 88.5324, 89.6397

Rectangle

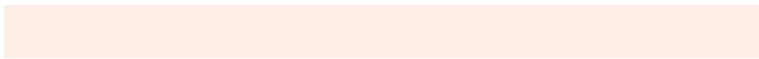
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7537, 88.5324, 107.3873



85.4351, 88.5324, 109.0253



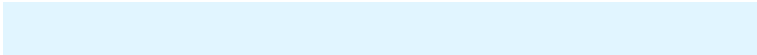
86.5874, 88.5324, 86.1829



82.8727, 88.5324, 84.7831

Sweetspot

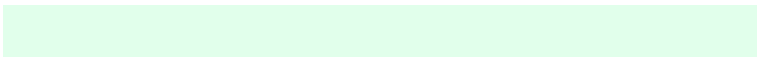
The Sweet Spot groups the original color and five complimentary colors.



81.7560, 88.5360, 107.3879



90.3219, 95.9674, 108.3708



81.7354, 93.4972, 91.9589



19.1474, 20.3820, 23.1749



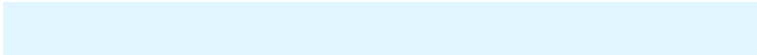
0.0000, 0.0000, 0.0000



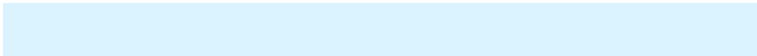
20.3446, 21.4041, 23.3091

Same Dimension

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



81.7560, 88.5360, 107.3879



79.4360, 86.4911, 107.1155



77.5386, 80.1011, 105.9821



18.0151, 19.4018, 23.0454



17.0896, 19.0888, 52.2184



1.7645, 2.0597, 5.1178

Inverse Universe

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



84.6480, 81.7044, 97.6997



82.8435, 78.5572, 95.6745



88.8614, 94.7575, 84.8421



18.5203, 18.1914, 21.3569



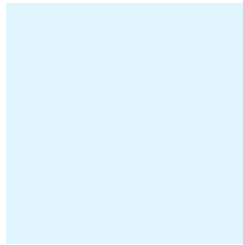
25.4142, 12.6550, 21.3636



2.5252, 1.2525, 2.3473

Previews

White Background



This preview shows how the XYZ color 81.7537, 88.5324, 107.3873 looks on a white background.

Color Contrast Check

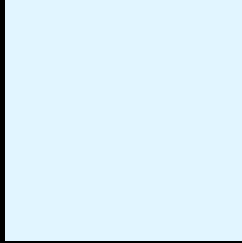
Large Text (above 18pt) WCAG AA × Fail

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 81.7537, 88.5324, 107.3873 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

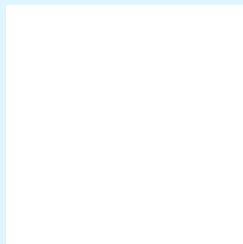
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7537, 88.5324, 107.3873

Background



This preview shows how black text looks on a background with the XYZ color 81.7537, 88.5324, 107.3873.



This preview shows how white text looks on a background with the XYZ color 81.7537, 88.5324,

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

81.7537, 88.5324, 107.3873

Protanopia

85.6929, 88.4031, 104.6425

Deuteranopia

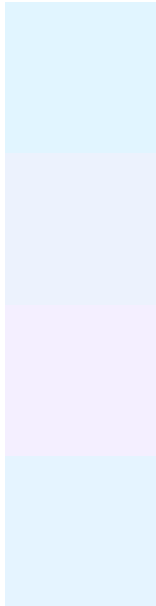
89.2855, 88.4709, 106.9785



Tritanopia

83.3793, 88.4770, 107.2909

Trichromacy



Original Color

81.7537, 88.5324, 107.3873

Protanomaly

84.0738, 88.4290, 105.5658

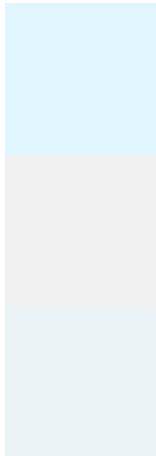
Deuteranomaly

86.2247, 88.1861, 107.0848

Tritanomaly

82.7138, 88.5794, 107.3458

Monochromacy



Original Color

81.7537, 88.5324, 107.3873

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.4945, 87.7590, 98.9775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7537, 88.5324, 107.3873 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(225, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 255)  
}
```

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(225, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.7537, 88.5324, 107.3873 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(225, 245, 255) }
```


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

```
.border{ border-color:rgb(225, 245, 255) }
```

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

Here you see how a box with a 4 pixel rgb(225, 245, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7537, 88.5324, 107.3873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 245, 255) }
```

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

```
.background{ background-color: rgb(225,  
245, 255) }
```

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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