

Converting Colors

XYZ(83.2274, 91.7570,
107.9321)

Have a look what the booklet for
XYZ(83.2274, 91.7570, 107.9321)
contains.

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Color

**XYZ(82.9761, 91.4385,
107.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FAFF
RGB	224, 250, 255
RGB Percent	88%, 98%, 100%
CMY	0.1216, 0.0196, 0.0000
CMYK	0.12, 0.02, 0.00, 0.00
HSL	190°, 100%, 94%
HSV	190°, 12%, 100%
XYZ	82.9761, 91.4385, 107.8838
YIQ	242.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

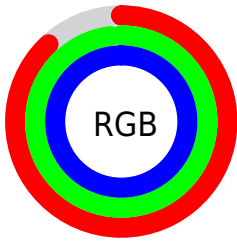
Format	Color
R _{YB}	224, 238, 255
Decimal	14744319
CIE _{Lab}	96.59, -7.43, -5.27
CIE _{LCh}	97, 9.110, 215.305
Yxy	91.4385, 0.2939, 0.3239
Android (android.graphics.Color)	4292934399 (0xFFE0FAFF)
YUV	242.7960, 6.0166, -16.4841
Hunter-Lab	95.6235, -12.4499, 0.0446

Details

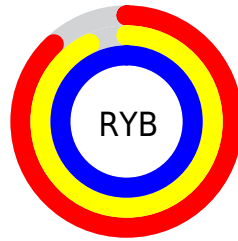
The XYZ color **82.9761, 91.4385, 107.8838** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.7134, 82.6789, 82.1219**, and the grayscale version is **84.9947, 89.4211, 97.3796**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8470, 51.0958, 60.8722** is the 20% darker color. If you saturate the color by 10%, you get **74.3957, 85.1427, 107.1209**, and if you desaturate by 10%, it is **92.7743, 98.4083, 108.7127**.

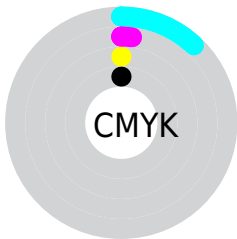
Distribution



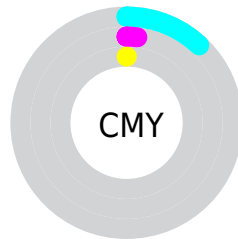
- Red (88%)
- Green (98%)
- Blue (100%)



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



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9761, 91.4385, 107.8838 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 82.9761, 91.4385, 107.8838 by changing the saturation by 10% instead.

82.9761, 91.4385,
107.8838

82.9761, 91.4385,
107.8838

493.4920,
532.6992, 606.6451

62.4873, 69.1743,
82.2473

136.4707,
149.3349, 174.0959

45.6836, 50.8537,
61.0324

170.2072,
185.7360, 215.5086

32.1998, 36.0922,
43.8206

209.0902,
227.6182, 263.0170

21.6705, 24.5054,
30.1933

253.4853,
275.3658, 317.0398

13.7302, 15.7090,
19.7321

303.7576,
329.3633, 377.9955

8.0137, 9.3184,
12.0183

360.2726,

4.1556, 4.9495,

389.9952, 446.3025

6.6334

423.3956,
457.6456, 522.3796

■ 1.7905, 2.2176,
3.1590

■ 0.5120, 0.7296,
1.1764

■ 82.9761, 91.4385,
107.8838

■ 82.9761, 91.4385,
107.8838

■ 74.3957, 85.1427,
107.1209

■ 92.7743, 98.4083,
108.7127

■ 66.9731, 79.4824,
106.4195

95.0500, 100.0000,
108.9000

■ 60.6540, 74.4318,
105.7777

■ 55.3769, 69.9588,
105.1925

■ 51.0740, 66.0283,
104.6606

■ 47.6693, 62.6008,
104.1785

■ 45.0752, 59.6309,
103.7420

■ 43.1861, 57.0639,
103.3460

■ 42.0742, 55.2684,
103.0581

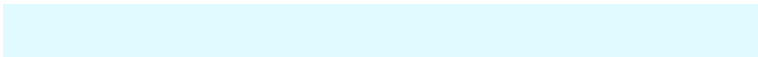
Harmonies

Analogous

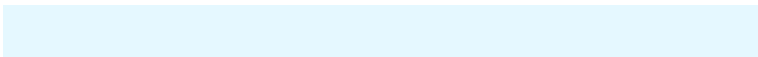
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1266, 91.4385, 100.8626



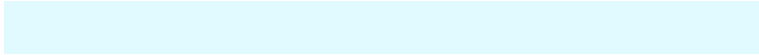
82.9761, 91.4385, 107.8838



84.8807, 91.4385, 112.8472

Triad

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



82.9761, 91.4385, 107.8838



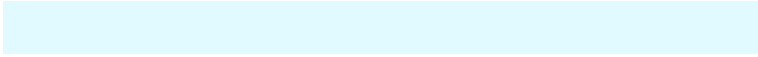
91.4327, 91.4385, 105.5329



86.4578, 91.4385, 86.2456

Complementary

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



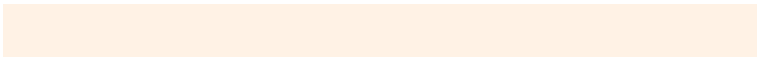
82.9761, 91.4385, 107.8838



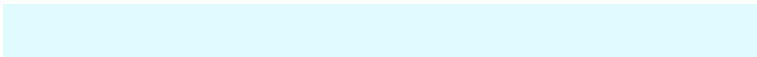
82.7134, 82.6789, 82.1219

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.



88.9705, 91.4385, 87.3608



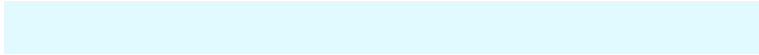
82.9761, 91.4385, 107.8838



91.8747, 91.4385, 98.2706

Square

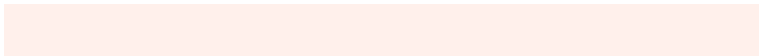
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9761, 91.4385, 107.8838



89.7690, 91.4385, 111.4442



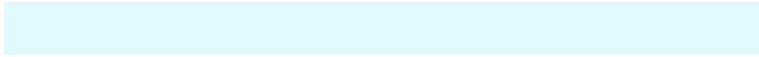
90.9654, 91.4385, 91.6776



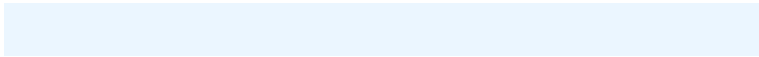
84.1115, 91.4385, 88.5541

Rectangle

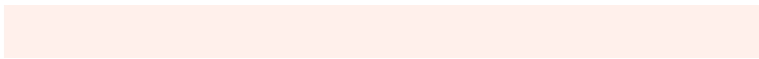
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



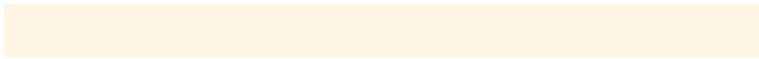
82.9761, 91.4385, 107.8838



86.5095, 91.4385, 114.1950



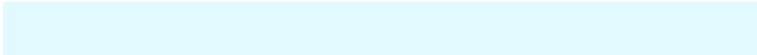
90.9654, 91.4385, 91.6776



87.3108, 91.4385, 86.2338

Sweetspot

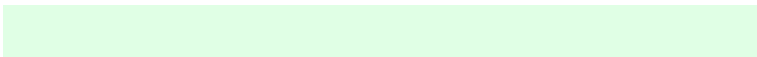
The Sweet Spot groups the original color and five complimentary colors.



82.9785, 91.4422, 107.8844



90.8744, 97.0724, 108.5550



80.5955, 93.0054, 87.5783



19.2876, 20.6623, 23.2216



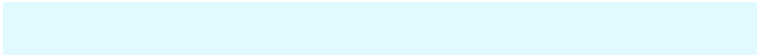
0.0000, 0.0000, 0.0000



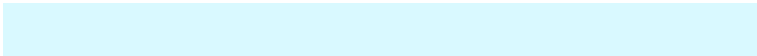
20.3446, 21.4041, 23.3091

Same Dimension

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



82.9785, 91.4422, 107.8844



80.4163, 89.5839, 107.6608



78.4571, 82.3994, 106.3773



18.2910, 19.9536, 23.1373



22.0777, 29.0649, 53.8811



2.2133, 2.9573, 5.2674

Inverse Universe

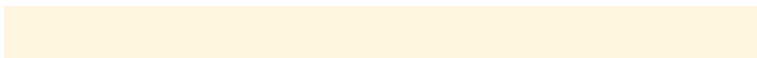
The Inverse Universe completely reimagines the original color for something new.



85.1525, 81.4751, 101.6851



83.0619, 77.5863, 100.0869



87.0910, 91.4341, 83.5811



18.6595, 18.2471, 22.0902



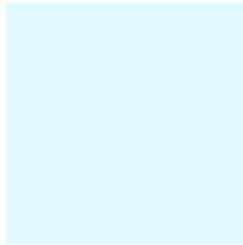
27.9320, 13.6621, 34.6219



2.7518, 1.3431, 3.5403

Previews

White Background



This preview shows how the XYZ color 82.9761, 91.4385, 107.8838 looks on a white background.

Color Contrast Check

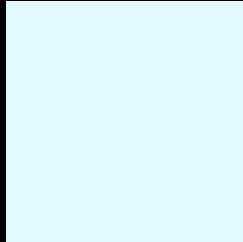
Large Text (above 18pt) WCAG AA × Fail

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 82.9761, 91.4385, 107.8838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

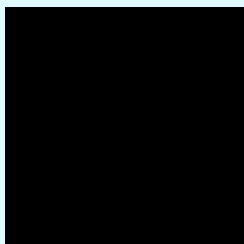
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9761, 91.4385, 107.8838

Background



This preview shows how black text looks on a background with the XYZ color 82.9761, 91.4385, 107.8838.



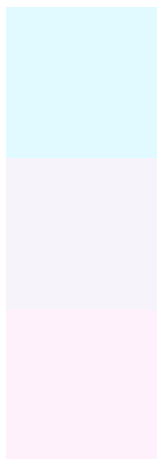
This preview shows how white text looks on a background with the XYZ color 82.9761, 91.4385,

107.8838.

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

82.9761, 91.4385, 107.8838

Protanopia

87.8210, 90.8404, 104.1721

Deuteranopia

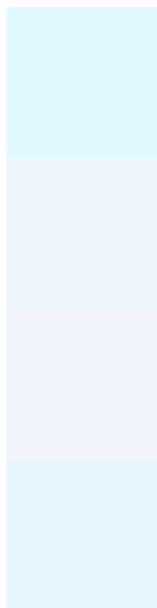
90.2660, 91.1989, 104.9411



Tritanopia

85.9308, 91.1361, 107.6697

Trichromacy



Original Color

82.9761, 91.4385, 107.8838

Protanomaly

86.1231, 91.2905, 105.1771

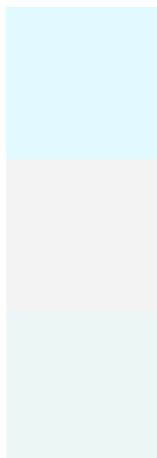
Deuteranomaly

87.3885, 91.0263, 105.8925

Tritanomaly

84.5895, 90.8973, 107.6943

Monochromacy



Original Color

82.9761, 91.4385, 107.8838

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.3363, 90.4598, 101.0112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9761, 91.4385, 107.8838 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(224, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 250, 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(224, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.9761, 91.4385, 107.8838 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(224, 250, 255) }
```


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

```
.border{ border-color:rgb(224, 250, 255) }
```

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

Here you see how a box with a 4 pixel rgb(224, 250, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9761, 91.4385, 107.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 250, 255) }
```

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

```
.background{ background-color: rgb(224,  
250, 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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