

Converting Colors

XYZ(82.1131, 91.8454,
108.0079)

Have a look what the booklet for
XYZ(82.1131, 91.8454, 108.0079)
contains.

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Color

**XYZ(82.0738, 91.9009,
108.0206)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFCFF
RGB	219, 252, 255
RGB Percent	86%, 99%, 100%
CMY	0.1412, 0.0117, 0.0000
CMYK	0.14, 0.01, 0.00, 0.00
HSL	185°, 100%, 93%
HSV	185°, 14%, 100%
XYZ	82.0738, 91.9009, 108.0206
YIQ	242.4750, -20.6310, -6.0630

Conversions

Conversions Part 2

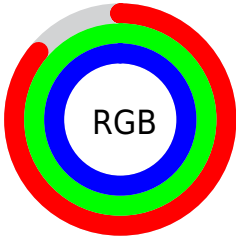
Format	Color
R _Y B	219, 236, 255
Decimal	14417151
CIE Lab	96.78, -9.99, -5.02
CIE LCh	97, 11.181, 206.692
Yxy	91.9009, 0.2910, 0.3259
Android (android.graphics.Color)	4292607231 (0xFFDBFCFF)
YUV	242.4750, 6.1748, -20.5876
Hunter-Lab	95.8650, -14.9427, 0.2975

Details

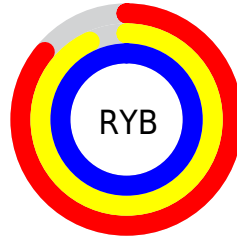
The XYZ color **82.0738, 91.9009, 108.0206** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.1469, 78.6155, 77.9695**, and the grayscale version is **84.7407, 89.1539, 97.0885**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0180, 50.9999, 60.8974** is the 20% darker color. If you saturate the color by 10%, you get **74.3202, 86.9228, 107.4684**, and if you desaturate by 10%, it is **91.0148, 97.5071, 108.6315**.

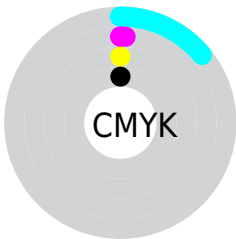
Distribution



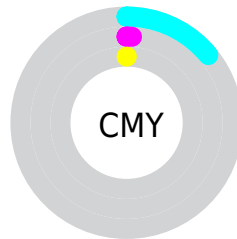
- Red (86%)
- Green (99%)
- Blue (100%)



- Red (86%)
- Yellow (93%)
- Blue (100%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0738, 91.9009, 108.0206 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 82.0738, 91.9009, 108.0206 by changing the saturation by 10% instead.

82.0738, 91.9009,
108.0206

82.0738, 91.9009,
108.0206

490.5253,
534.1952, 607.0776

61.7407, 69.5583,
82.3614

135.2128,
149.9760, 174.2841

45.0780, 51.1665,
61.1260

168.7493,
186.4774, 215.7255

31.7204, 36.3412,
43.8956

207.4178,
228.4671, 263.2648

21.3025, 24.6978,
30.2519

251.5834,
276.3296, 317.3204

13.4591, 15.8520,
19.7762

301.6116,
330.4493, 378.3110

7.8246, 9.4195,
12.0500

357.8678,

4.0338, 5.0158,

391.2105, 446.6550

6.6548

420.7172,
458.9977, 522.7710

■ 1.7213, 2.2565,
3.1720

■ 0.4695, 0.7506,
1.1831

■ 82.0738, 91.9009,
108.0206

■ 82.0738, 91.9009,
108.0206

■ 74.3202, 86.9228,
107.4684

■ 91.0148, 97.5071,
108.6315

■ 67.6934, 82.5341,
106.9706

95.0500, 100.0000,
108.9000

■ 62.1385, 78.7089,
106.5250

■ 57.5929, 75.4150,
106.1288

■ 53.9875, 72.6167,
105.7787

■ 51.2447, 70.2739,
105.4711

■ 49.2741, 68.3401,
105.2017

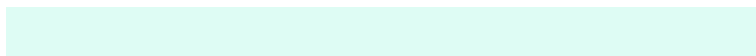
■ 47.9653, 66.7582,
104.9653

■ 47.4122, 65.9443,
104.8374

Harmonies

Analogous

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



81.4687, 91.9009, 99.0717



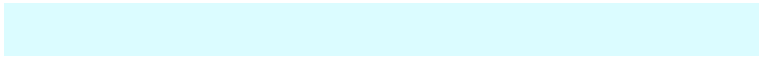
82.0738, 91.9009, 108.0206



84.0808, 91.9009, 115.1955

Triad

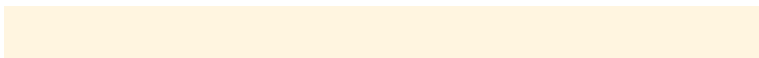
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0738, 91.9009, 108.0206



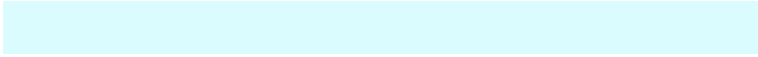
92.4839, 91.9009, 109.8463



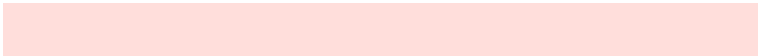
87.6973, 91.9009, 83.8014

Complementary

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



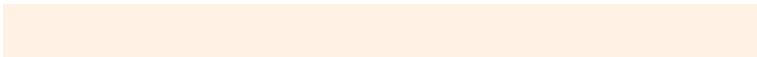
82.0738, 91.9009, 108.0206



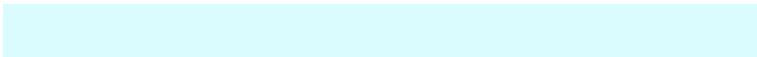
80.1469, 78.6155, 77.9695

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.



90.7010, 91.9009, 86.3200



82.0738, 91.9009, 108.0206



93.5057, 91.9009, 101.0638

Square

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



82.0738, 91.9009, 108.0206



90.0846, 91.9009, 116.2931



92.8456, 91.9009, 92.5089



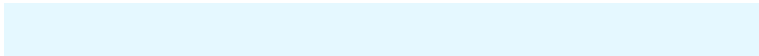
84.6694, 91.9009, 85.4206

Rectangle

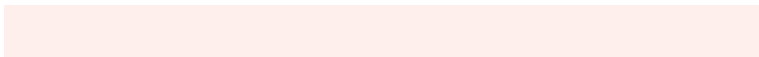
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



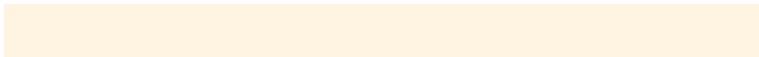
82.0738, 91.9009, 108.0206



85.9689, 91.9009, 117.8208



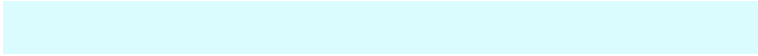
92.8456, 91.9009, 92.5089



88.7438, 91.9009, 84.1883

Sweetspot

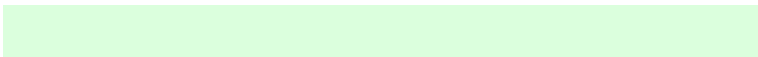
The Sweet Spot groups the original color and five complimentary colors.



82.0762, 91.9046, 108.0212



91.1263, 97.5763, 108.6390



78.0789, 91.8223, 82.2961



19.3516, 20.7903, 23.2429



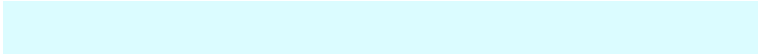
0.0000, 0.0000, 0.0000



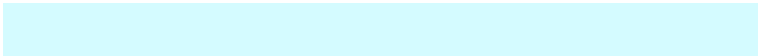
20.3446, 21.4041, 23.3091

Same Dimension

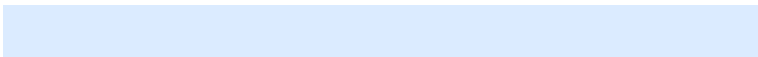
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0762, 91.9046, 108.0212



79.7209, 90.4057, 107.8561



76.8584, 81.4690, 106.2820



18.4180, 20.2076, 23.1797



24.8278, 34.5651, 54.7978



2.4540, 3.4387, 5.3477

Inverse Universe

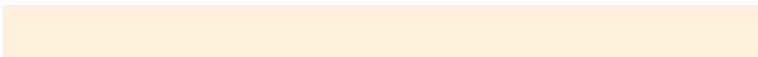
The Inverse Universe completely reimagines the original color for something new.



84.1436, 78.9528, 102.9045



82.1708, 75.1621, 101.7694



85.0105, 88.3426, 79.5907



18.7236, 18.2728, 22.4278



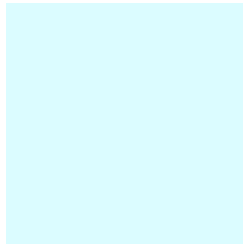
29.3201, 14.2173, 41.9317



2.8733, 1.3917, 4.1800

Previews

White Background



This preview shows how the XYZ color 82.0738, 91.9009, 108.0206 looks on a white background.

Color Contrast Check

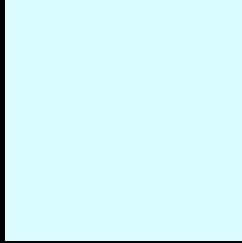
Large Text (above 18pt) WCAG AA × Fail

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 82.0738, 91.9009, 108.0206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

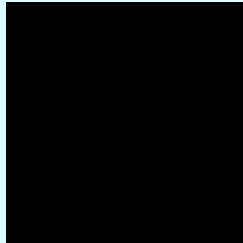
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0738, 91.9009, 108.0206

Background



This preview shows how black text looks on a background with the XYZ color 82.0738, 91.9009, 108.0206.

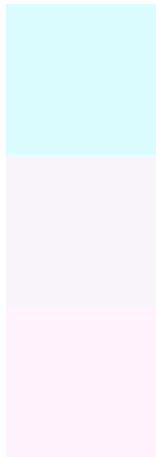


This preview shows how white text looks on a background with the XYZ color 82.0738, 91.9009,

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

82.0738, 91.9009, 108.0206

Protanopia

88.3174, 91.5600, 103.4605

Deuteranopia

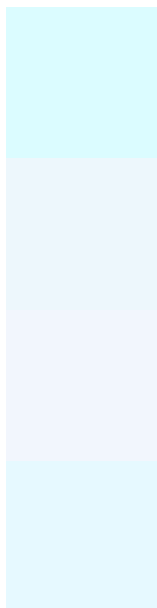
90.5628, 91.7925, 105.0400



Tritanopia

86.2358, 91.7461, 107.7714

Trichromacy



Original Color

82.0738, 91.9009, 108.0206

Protanomaly

85.7565, 91.5543, 105.2474

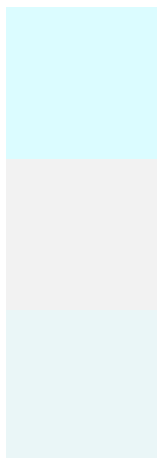
Deuteranomaly

87.3033, 91.8806, 106.0619

Tritanomaly

84.5588, 91.7944, 107.8691

Monochromacy



Original Color

82.0738, 91.9009, 108.0206

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.6760, 90.1194, 100.9803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0738, 91.9009, 108.0206 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(219, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 252, 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(219, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.0738, 91.9009, 108.0206 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(219, 252, 255) }
```


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

```
.border{ border-color:rgb(219, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 252, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 252, 255); box-shadow:4px 4px 4px 4px rgb(219, 252, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0738, 91.9009, 108.0206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 252, 255) }
```

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

```
.background{ background-color: rgb(219,  
252, 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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