

Converting Colors

XYZ(81.7050, 91.0291,
107.8718)

Have a look what the booklet for
XYZ(81.7050, 91.0291, 107.8718)
contains.

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Color

**XYZ(81.7606, 91.2744,
107.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFBFF
RGB	219, 251, 255
RGB Percent	86%, 98%, 100%
CMY	0.1412, 0.0157, 0.0000
CMYK	0.14, 0.02, 0.00, 0.00
HSL	187°, 100%, 93%
HSV	187°, 14%, 100%
XYZ	81.7606, 91.2744, 107.9162
YIQ	241.8880, -20.3560, -5.5400

Conversions

Conversions Part 2

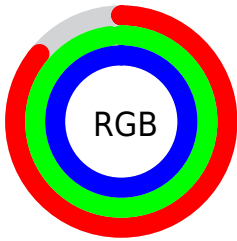
Format	Color
R _{YB}	219, 236, 255
Decimal	14416895
CIE Lab	96.52, -9.49, -5.40
CIE LCh	97, 10.919, 209.649
Yxy	91.2744, 0.2910, 0.3249
Android (android.graphics.Color)	4292606975 (0xFFDBFBFF)
YUV	241.8880, 6.4642, -20.0728
Hunter-Lab	95.5376, -14.4315, -0.0957

Details

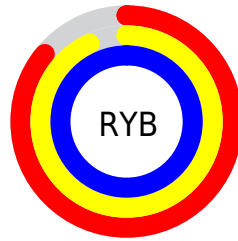
The XYZ color **81.7606, 91.2744, 107.9162** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.4134, 79.1485, 78.0585**, and the grayscale version is **84.2736, 88.6624, 96.5533**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7947, 50.5533, 60.8229** is the 20% darker color. If you saturate the color by 10%, you get **73.7920, 85.8663, 107.2923**, and if you desaturate by 10%, it is **90.9223, 97.3221, 108.6007**.

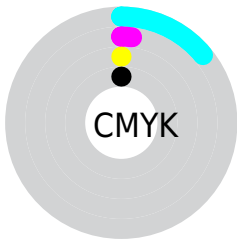
Distribution



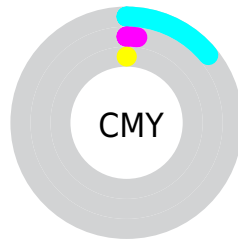
- Red (86%)
- Green (98%)
- Blue (100%)



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



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7606, 91.2744, 107.9162 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 81.7606, 91.2744, 107.9162 by changing the saturation by 10% instead.

81.7606, 91.2744,
107.9162

81.7606, 91.2744,
107.9162

489.4932,
532.1678, 606.7476

61.4817, 69.0381,
82.2743

134.7758,
149.1073, 174.1405

44.8680, 50.7427,
61.0545

168.2428,
185.4728, 215.5600

31.5543, 36.0039,
43.8383

206.8365,
227.3167, 263.0757

21.1752, 24.4372,
30.2072

250.9222,
275.0235, 317.1063

13.3653, 15.6583,
19.7425

300.8654,
328.9777, 378.0702

7.7593, 9.2827,
12.0258

357.0314,

3.9918, 4.9260,

389.5635, 446.3860

6.6385

419.7856,
457.1654, 522.4723

■ 1.6975, 2.2039,
3.1621

■ 0.4547, 0.7221,
1.1780

■ 81.7606, 91.2744,
107.9162

■ 81.7606, 91.2744,
107.9162

■ 73.7920, 85.8663,
107.2923

■ 90.9223, 97.3221,
108.6007

■ 66.9560, 81.0592,
106.7248

95.0500, 100.0000,
108.9000

■ 61.1976, 76.8271,
106.2114

■ 56.4542, 73.1375,
105.7492

■ 52.6566, 69.9549,
105.3351

■ 49.7272, 67.2390,
104.9653

■ 47.5757, 64.9431,
104.6355

■ 46.0914, 63.0103,
104.3407

■ 45.4376, 61.9952,
104.1792

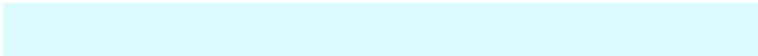
Harmonies

Analogous

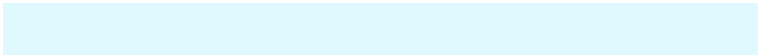
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0255, 91.2744, 99.2794



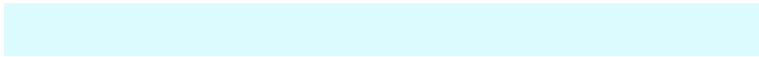
81.7606, 91.2744, 107.9162



83.8265, 91.2744, 114.5770

Triad

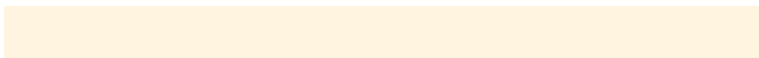
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7606, 91.2744, 107.9162



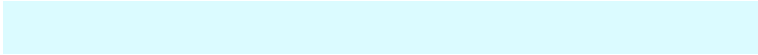
91.9085, 91.2744, 108.1046



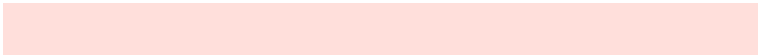
86.7895, 91.2744, 83.5294

Complementary

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



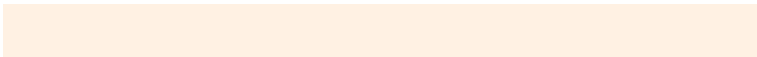
81.7606, 91.2744, 107.9162



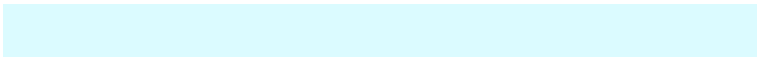
80.4134, 79.1485, 78.0585

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.



89.7480, 91.2744, 85.5941



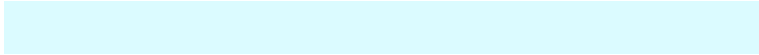
81.7606, 91.2744, 107.9162



92.7454, 91.2744, 99.4852

Square

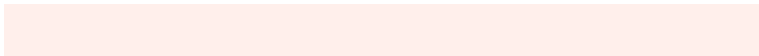
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7606, 91.2744, 107.9162



89.6843, 91.2744, 114.6902



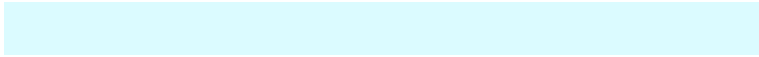
91.9458, 91.2744, 91.3106



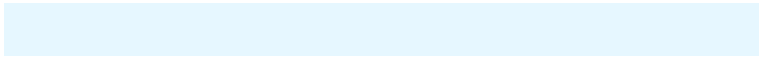
83.8874, 91.2744, 85.5010

Rectangle

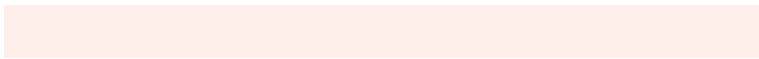
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7606, 91.2744, 107.9162



85.7051, 91.2744, 116.8198



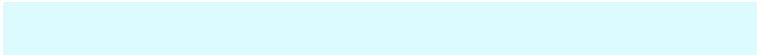
91.9458, 91.2744, 91.3106



87.8106, 91.2744, 83.7726

Sweetspot

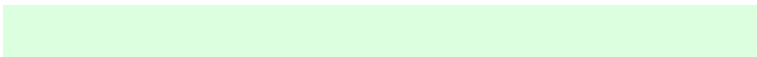
The Sweet Spot groups the original color and five complimentary colors.



81.7630, 91.2781, 107.9168



91.0364, 97.3964, 108.6090



78.2399, 91.8867, 83.1434



19.3287, 20.7446, 23.2353



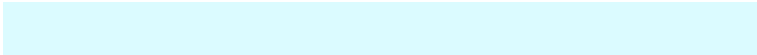
0.0000, 0.0000, 0.0000



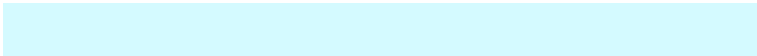
20.3446, 21.4041, 23.3091

Same Dimension

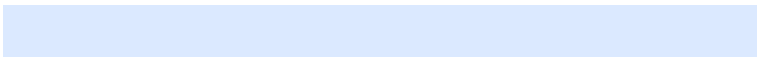
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7630, 91.2781, 107.9168



79.3450, 89.6540, 107.7308



76.5169, 80.7859, 106.1681



18.3726, 20.1168, 23.1645



23.8112, 32.5319, 54.4589



2.3654, 3.2616, 5.3181

Inverse Universe

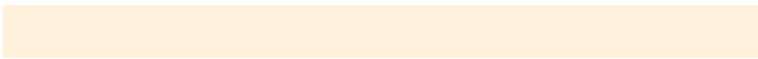
The Inverse Universe completely reimagines the original color for something new.



83.9856, 78.8897, 102.0718



81.9811, 75.0862, 100.7704



85.3638, 89.0492, 79.7086



18.7007, 18.2636, 22.3071



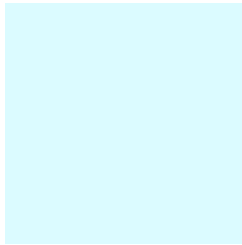
28.8070, 14.0121, 39.2296



2.8286, 1.3738, 3.9447

Previews

White Background



This preview shows how the XYZ color 81.7606, 91.2744, 107.9162 looks on a white background.

Color Contrast Check

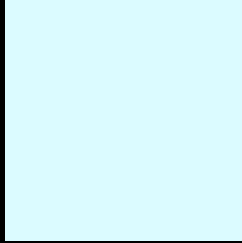
Large Text (above 18pt) WCAG AA × Fail

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 81.7606, 91.2744, 107.9162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

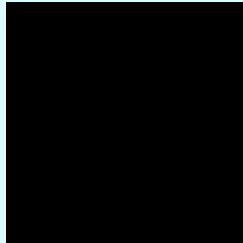
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7606, 91.2744, 107.9162

Background



This preview shows how black text looks on a background with the XYZ color 81.7606, 91.2744, 107.9162.

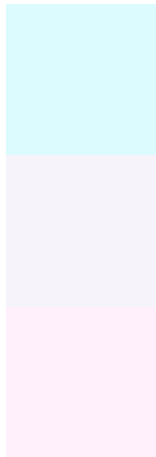


This preview shows how white text looks on a background with the XYZ color 81.7606, 91.2744,

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

81.7606, 91.2744, 107.9162

Protanopia

87.6637, 90.7775, 103.3439

Deuteranopia

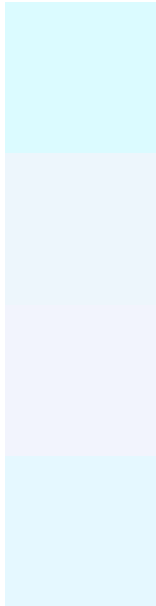
89.9708, 90.6085, 104.8427



Tritanopia

85.2667, 90.7937, 107.6386

Trichromacy



Original Color

81.7606, 91.2744, 107.9162

Protanomaly

85.4515, 90.9443, 105.1457

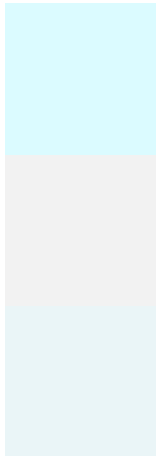
Deuteranomaly

86.6983, 90.6705, 105.8602

Tritanomaly

83.9305, 91.0128, 107.7514

Monochromacy



Original Color

81.7606, 91.2744, 107.9162

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.3726, 89.5126, 100.8791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7606, 91.2744, 107.9162 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, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 251, 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, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.7606, 91.2744, 107.9162 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, 251, 255) }
```


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

```
.border{ border-color:rgb(219, 251, 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, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7606, 91.2744, 107.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 251, 255) }
```

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

```
.background{ background-color: rgb(219,  
251, 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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