

Converting Colors

XYZ(81.7104, 92.8527,
104.6932)

Have a look what the booklet for
XYZ(81.7104, 92.8527, 104.6932)
contains.

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Color

**XYZ(81.7678, 92.7541,
104.8605)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFEFB
RGB	218, 254, 251
RGB Percent	85%, 100%, 98%
CMY	0.1451, 0.0039, 0.0157
CMYK	0.14, 0.00, 0.01, 0.00
HSL	175°, 95%, 93%
HSV	175°, 14%, 100%
XYZ	81.7678, 92.7541, 104.8605
YIQ	242.8940, -20.4930, -8.5650

Conversions

Conversions Part 2

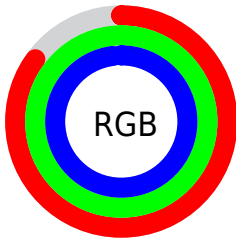
Format	Color
R _Y B	218, 237, 254
Decimal	14352123
CIE Lab	97.13, -12.08, -2.46
CIE LCh	97, 12.330, 191.501
Yxy	92.7541, 0.2927, 0.3320
Android (android.graphics.Color)	4292542203 (0xFFDAFEFB)
YUV	242.8940, 3.9963, -21.8320
Hunter-Lab	96.3089, -16.9913, 2.8617

Details

The XYZ color **81.7678, 92.7541, 104.8605** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.9989, 76.4365, 79.0006**, and the grayscale version is **85.0902, 89.5215, 97.4890**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9208, 51.6592, 59.2334** is the 20% darker color. If you saturate the color by 10%, you get **74.4150, 89.0045, 102.7841**, and if you desaturate by 10%, it is **90.2937, 97.1130, 107.0152**.

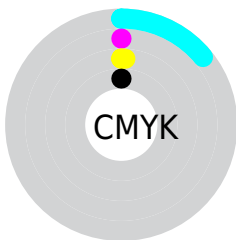
Distribution



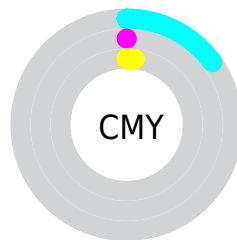
- Red (85%)
- Green (100%)
- Blue (98%)



- Red (85%)
- Yellow (93%)
- Blue (100%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7678, 92.7541, 104.8605 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 81.7678, 92.7541, 104.8605 by changing the saturation by 10% instead.

81.7678, 92.7541,
104.8605

81.7678, 92.7541,
104.8605

489.5169,
536.9497, 597.0453

61.4876, 70.2671,
79.7265

134.7859,
151.1581, 169.9307

44.8728, 51.7443,
58.9685

168.2544,
187.8440, 210.7039

31.5581, 36.8013,
42.1679

206.8498,
230.0316, 257.5272

21.1781, 25.0537,
28.9062

250.9374,
278.1053, 310.8193

13.3675, 16.1171,
18.7649

300.8826,
332.4496, 370.9986

7.7608, 9.6070,
11.3255

357.0507,

3.9928, 5.1392,

393.4489, 438.4837

6.1693

419.8070,
461.4874, 513.6930

■ 1.6981, 2.3292,
2.8778

■ 0.4551, 0.7891,
1.0326

■ 81.7678, 92.7541,
104.8605

■ 81.7678, 92.7541,
104.8605

■ 74.4150, 89.0045,
102.7841

■ 90.2937, 97.1130,
107.0152

■ 68.1744, 85.8253,
100.7773

94.7335, 99.3671,
108.7945

■ 62.9918, 83.1911,
98.8394

■ 58.8053, 81.0700,
96.9674

■ 55.5465, 79.4266,
95.1582

■ 53.1382, 78.2214,
93.4079

■ 51.4911, 77.4081,
91.7124

■ 50.4956, 76.9303,
90.0665

■ 50.1250, 76.7597,
89.1262

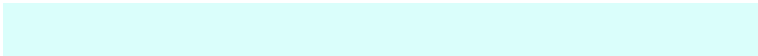
Harmonies

Analogous

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



81.9689, 92.7541, 95.0377



81.7678, 92.7541, 104.8605



83.2457, 92.7541, 114.2235

Triad

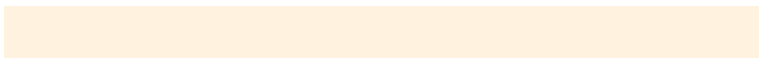
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7678, 92.7541, 104.8605



92.6660, 92.7541, 116.0274



90.2989, 92.7541, 83.8976

Complementary

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



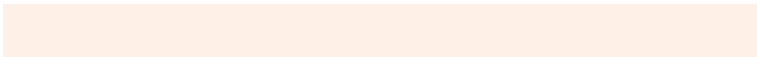
81.7678, 92.7541, 104.8605



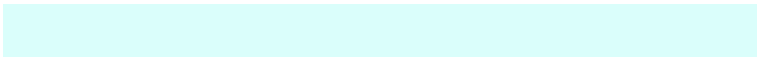
78.9989, 76.4365, 79.0006

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.



93.2640, 92.7541, 88.8265



81.7678, 92.7541, 104.8605



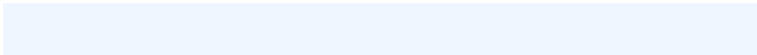
94.6552, 92.7541, 107.1930

Square

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



81.7678, 92.7541, 104.8605



89.5001, 92.7541, 120.9480



94.8769, 92.7541, 97.2227



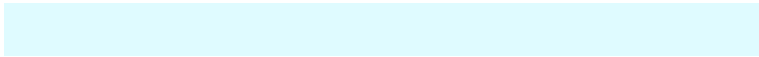
86.8333, 92.7541, 83.3641

Rectangle

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



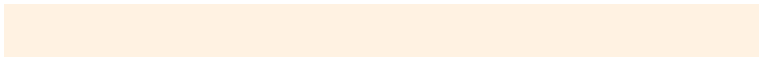
81.7678, 92.7541, 104.8605



85.0074, 92.7541, 118.7775



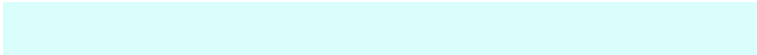
94.8769, 92.7541, 97.2227



91.3895, 92.7541, 85.0795

Sweetspot

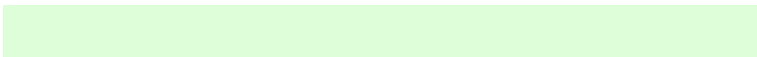
The Sweet Spot groups the original color and five complimentary colors.



81.7705, 92.7580, 104.8626



91.2597, 98.0618, 108.0090



78.1012, 91.4160, 79.8598



19.3855, 20.9137, 23.0828



0.0000, 0.0000, 0.0000



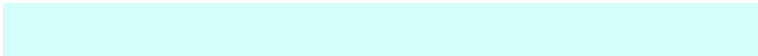
20.3446, 21.4041, 23.3091

Same Dimension

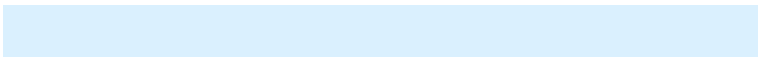
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7705, 92.7580, 104.8626



80.2837, 92.4543, 105.1981



77.8480, 84.1492, 105.9099



18.4856, 20.4538, 22.8603



26.4522, 40.4775, 47.1281



2.5941, 3.9486, 4.6862

Inverse Universe

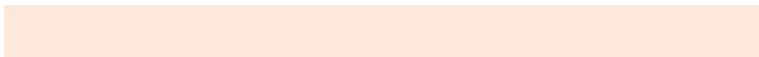
The Inverse Universe completely reimagines the original color for something new.



78.9989, 76.4365, 79.0006



76.9961, 73.0922, 74.5198



82.5005, 84.0745, 78.2108



18.0709, 18.0117, 18.9904



21.6420, 11.1461, 1.4992



2.1273, 1.0933, 0.2516

Previews

White Background



This preview shows how the XYZ color 81.7678, 92.7541, 104.8605 looks on a white background.

Color Contrast Check

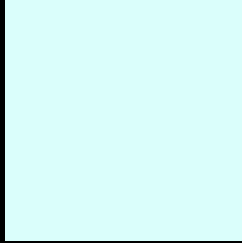
Large Text (above 18pt) WCAG AA × Fail

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 81.7678, 92.7541, 104.8605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

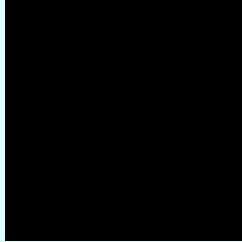
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7678, 92.7541, 104.8605

Background



This preview shows how black text looks on a background with the XYZ color 81.7678, 92.7541, 104.8605.



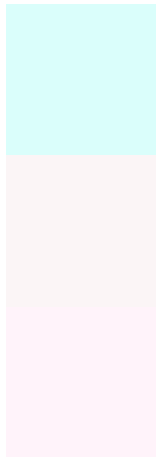
This preview shows how white text looks on a background with the XYZ color 81.7678, 92.7541,

104.8605.

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

81.7678, 92.7541, 104.8605

Protanopia

89.0706, 92.4679, 100.3423

Deuteranopia

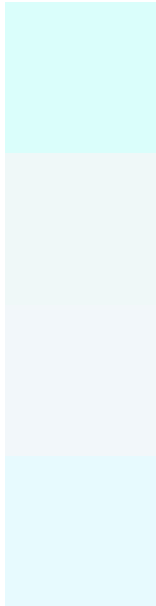
90.5459, 92.2633, 103.4788



Tritanopia

86.8773, 92.5319, 107.8893

Trichromacy



Original Color

81.7678, 92.7541, 104.8605

Protanomaly

86.1073, 92.2628, 102.0771

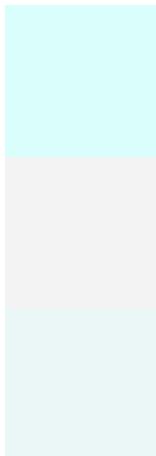
Deuteranomaly

87.1340, 92.3009, 103.6659

Tritanomaly

85.0300, 92.5159, 107.1417

Monochromacy



Original Color

81.7678, 92.7541, 104.8605

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.8270, 90.6678, 100.2713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7678, 92.7541, 104.8605 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(218, 254, 251)` looks like.

```
.text, #text, p{  
    color:rgb(218, 254, 251)  
}
```

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(218, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 254, 251) }
```

Border

The CSS property to change the border of an element to XYZ 81.7678, 92.7541, 104.8605 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(218, 254, 251) }
```


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

```
.border{ border-color:rgb(218, 254, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 254, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(218, 254,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7678, 92.7541, 104.8605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 254, 251) }
```

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

```
.background{ background-color: rgb(218,  
254, 251) }
```

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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