

Converting Colors

XYZ(81.5589, 92.6442,
108.1913)

Have a look what the booklet for
XYZ(81.5589, 92.6442, 108.1913)
contains.

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Color

**XYZ(81.5161, 92.5507,
108.1755)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FEFF
RGB	215, 254, 255
RGB Percent	84%, 100%, 100%
CMY	0.1569, 0.0039, 0.0000
CMYK	0.16, 0.00, 0.00, 0.00
HSL	181°, 100%, 92%
HSV	181°, 16%, 100%
XYZ	81.5161, 92.5507, 108.1755
YIQ	242.4530, -23.5650, -7.9570

Conversions

Conversions Part 2

Format	Color
R _{YB}	215, 235, 255
Decimal	14155519
CIE Lab	97.04, -12.21, -4.66
CIE LCh	97, 13.073, 200.887
Yxy	92.5507, 0.2888, 0.3279
Android (android.graphics.Color)	4292345599 (0xFFD7FEFF)
YUV	242.4530, 6.1857, -24.0763
Hunter-Lab	96.2033, -17.1070, 0.6738

Details

The XYZ color **81.5161, 92.5507, 108.1755** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.0611, 75.2766, 74.7070**, and the grayscale version is **84.7248, 89.1371, 97.0703**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6565, 51.4833, 61.0097** is the 20% darker color. If you saturate the color by 10%, you get **74.4037, 88.5883, 107.7855**, and if you desaturate by 10%, it is **89.8010, 97.1235, 108.6214**.

Distribution



- Red (84%)
- Green (100%)
- Blue (100%)



- Red (84%)
- Yellow (92%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.5161, 92.5507, 108.1755 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 81.5161, 92.5507, 108.1755 by changing the saturation by 10% instead.

81.5161, 92.5507,
108.1755

81.5161, 92.5507,
108.1755

488.6867,
536.2937, 607.5671

61.2795, 70.0981,
82.4907

134.4346,
150.8764, 174.4972

44.7042, 51.6065,
61.2319

167.8471,
187.5183, 215.9712

31.4248, 36.6915,
43.9806

206.3824,
229.6588, 263.5453

21.0759, 24.9688,
30.3182

250.4057,
277.6823, 317.6381

13.2923, 16.0538,
19.8261

300.2825,
331.9731, 378.6682

7.7085, 9.5622,
12.0859

356.3780,

3.9592, 5.1097,

392.9157, 447.0540

6.6790

419.0576,
460.8944, 523.2141

■ 1.6791, 2.3118,
3.1868

■ 0.4431, 0.7799,
1.1908

■ 81.5161, 92.5507,
108.1755

■ 81.5161, 92.5507,
108.1755

■ 74.4037, 88.5883,
107.7855

■ 89.8010, 97.1235,
108.6214

■ 68.4026, 85.1974,
107.4473

95.0500, 100.0000,
108.9000

■ 63.4573, 82.3517,
107.1587

■ 59.5041, 80.0185,
106.9167

■ 56.4731, 78.1616,
106.7180

■ 54.2847, 76.7401,
106.5590

■ 52.8462, 75.7062,
106.4352

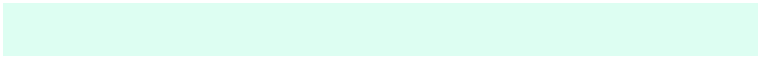
■ 52.0428, 75.0006,
106.3414

■ 51.8203, 74.7605,
106.3068

Harmonies

Analogous

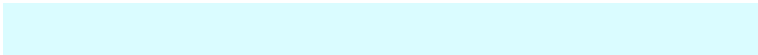
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1593, 92.5507, 97.5943



81.5161, 92.5507, 108.1755



83.5752, 92.5507, 117.3381

Triad

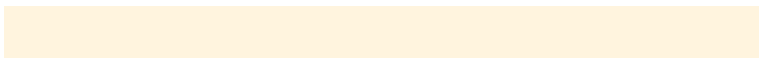
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5161, 92.5507, 108.1755



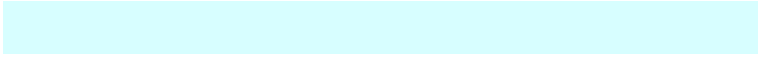
93.5754, 92.5507, 114.1130



89.0929, 92.5507, 82.0473

Complementary

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



81.5161, 92.5507, 108.1755



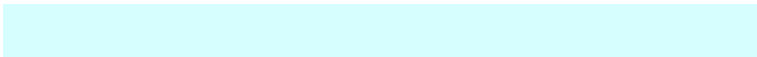
78.0611, 75.2766, 74.7070

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.



92.5093, 92.5507, 85.8434



81.5161, 92.5507, 108.1755



95.1444, 92.5507, 104.0179

Square

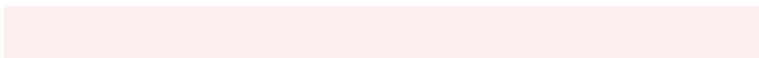
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



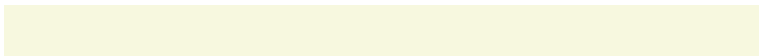
81.5161, 92.5507, 108.1755



90.5151, 92.5507, 120.9288



94.7489, 92.5507, 93.7142



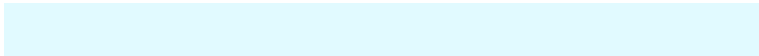
85.4665, 92.5507, 82.9895

Rectangle

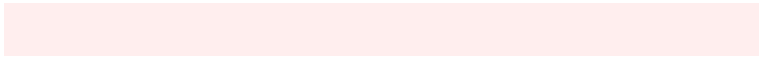
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.5161, 92.5507, 108.1755



85.6686, 92.5507, 121.1714



94.7489, 92.5507, 93.7142



90.3054, 92.5507, 82.8011

Sweetspot

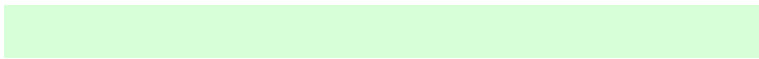
The Sweet Spot groups the original color and five complimentary colors.



81.5185, 92.5544, 108.1760



90.4128, 97.4594, 108.6540



76.1369, 90.9082, 78.2757



19.2178, 20.7866, 23.2493



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

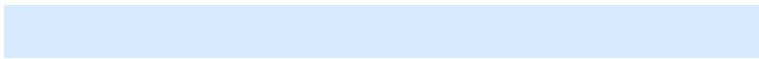
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5185, 92.5544, 108.1760



79.0334, 91.1743, 108.0406



75.5931, 80.7037, 106.2009



18.5139, 20.3993, 23.2116



27.0947, 39.0989, 55.5534



2.6499, 3.8305, 5.4130

Inverse Universe

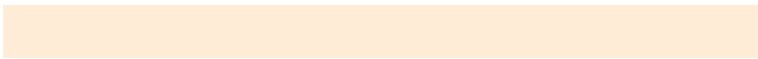
The Inverse Universe completely reimagines the original color for something new.



83.4313, 77.0181, 104.2391



81.3005, 72.8105, 103.3629



83.4059, 85.9662, 76.4886



18.7720, 18.2921, 22.6826



30.4643, 14.6750, 47.9571



2.9722, 1.4312, 4.7008

Previews

White Background



This preview shows how the XYZ color 81.5161, 92.5507, 108.1755 looks on a white background.

Color Contrast Check

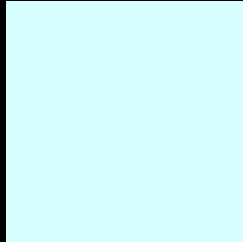
Large Text (above 18pt) WCAG AA × Fail

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 81.5161, 92.5507, 108.1755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

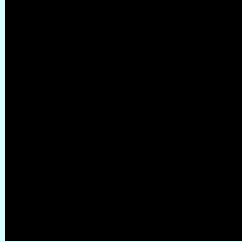
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.5161, 92.5507, 108.1755

Background



This preview shows how black text looks on a background with the XYZ color 81.5161, 92.5507, 108.1755.

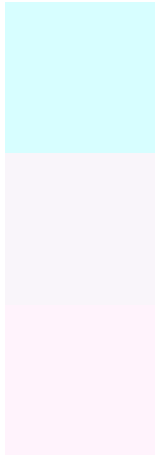


This preview shows how white text looks on a background with the XYZ color 81.5161, 92.5507,

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

81.5161, 92.5507, 108.1755

Protanopia

88.9746, 92.3467, 103.5777

Deuteranopia

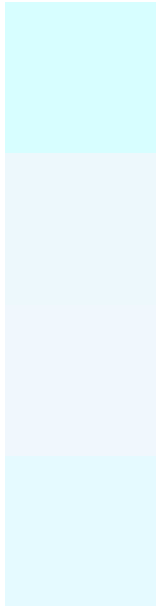
90.8613, 92.3895, 105.1395



Tritanopia

86.5425, 92.3593, 107.8736

Trichromacy



Original Color

81.5161, 92.5507, 108.1755

Protanomaly

86.0631, 92.1676, 105.3496

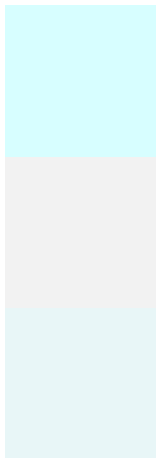
Deuteranomaly

86.9256, 92.1386, 106.1316

Tritanomaly

84.5487, 92.2492, 107.9574

Monochromacy



Original Color

81.5161, 92.5507, 108.1755

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.0230, 89.7827, 100.9497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5161, 92.5507, 108.1755 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(215, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 254, 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(215, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.5161, 92.5507, 108.1755 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(215, 254, 255) }
```


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

```
.border{ border-color:rgb(215, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5161, 92.5507, 108.1755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 254, 255) }
```

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

```
.background{ background-color: rgb(215,  
254, 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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