

Converting Colors

XYZ(81.1366, 89.5704,
107.6348)

Have a look what the booklet for
XYZ(81.1366, 89.5704, 107.6348)
contains.

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Color

**XYZ(81.1326, 89.5704,
107.6204)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF8FF
RGB	220, 248, 255
RGB Percent	86%, 97%, 100%
CMY	0.1372, 0.0274, 0.0000
CMYK	0.14, 0.03, 0.00, 0.00
HSL	192°, 100%, 93%
HSV	192°, 14%, 100%
XYZ	81.1326, 89.5704, 107.6204
YIQ	240.4260, -18.9350, -3.7590

Conversions

Conversions Part 2

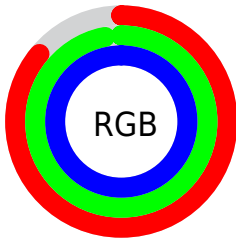
Format	Color
R _Y B	220, 236, 255
Decimal	14481663
CIE Lab	95.82, -7.67, -6.43
CIE LCh	96, 10.013, 219.981
Yxy	89.5704, 0.2915, 0.3218
Android (android.graphics.Color)	4292671743 (0xFFDCFF8FF)
YUV	240.4260, 7.1850, -17.9136
Hunter-Lab	94.6416, -12.6018, -1.1716

Details

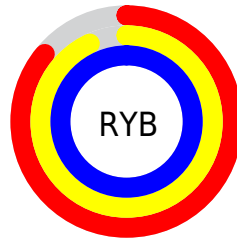
The XYZ color **81.1326, 89.5704, 107.6204** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.6269, 81.3641, 79.1145**, and the grayscale version is **83.1162, 87.4448, 95.2273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5597, 49.7758, 60.6852** is the 20% darker color. If you saturate the color by 10%, you get **72.4506, 82.8024, 106.7717**, and if you desaturate by 10%, it is **91.0392, 97.0378, 108.5396**.

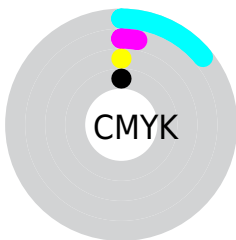
Distribution



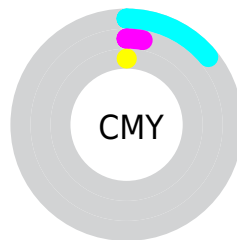
- Red (86%)
- Green (97%)
- Blue (100%)



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



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1326, 89.5704, 107.6204 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 81.1326, 89.5704, 107.6204 by changing the saturation by 10% instead.

81.1326, 89.5704,
107.6204

81.1326, 89.5704,
107.6204

487.4202,
526.6324, 605.8119

60.9625, 67.6244,
82.0275

133.8991,
146.7415, 173.7335

44.4473, 49.5922,
60.8522

167.2262,
182.7354, 215.0907

31.2217, 35.0895,
43.6761

205.6697,
224.1807, 262.5398

20.9204, 23.7318,
30.0807

249.5949,
271.4619, 316.4993

13.1780, 15.1348,
19.6473

299.3672,
324.9632, 377.3877

7.6291, 8.9141,
11.9574

355.3520,

3.9083, 4.6852,

385.0691, 445.6236

6.5925

417.9145,
452.1641, 521.6254

■ 1.6504, 2.0637,
3.1340

■ 0.4249, 0.6441,
1.1635

■ 81.1326, 89.5704,
107.6204

■ 81.1326, 89.5704,
107.6204

■ 72.4506, 82.8024,
106.7717

■ 91.0392, 97.0378,
108.5396

■ 64.9325, 76.6949,
105.9890

95.0500, 100.0000,
108.9000

■ 58.5233, 71.2214,
105.2703

■ 53.1602, 66.3490,
104.6125

■ 48.7742, 62.0417,
104.0123

■ 45.2876, 58.2588,
103.4659

■ 42.6105, 54.9535,
102.9690

■ 40.6329, 52.0686,
102.5164

■ 39.6510, 50.4220,
102.2503

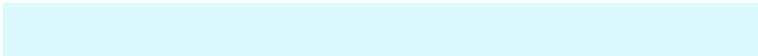
Harmonies

Analogous

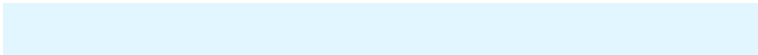
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0145, 89.5704, 100.1846



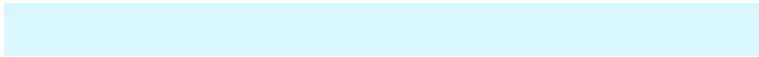
81.1326, 89.5704, 107.6204



83.3305, 89.5704, 112.5129

Triad

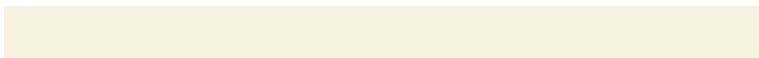
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1326, 89.5704, 107.6204



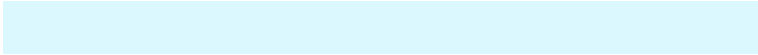
90.2173, 89.5704, 102.8220



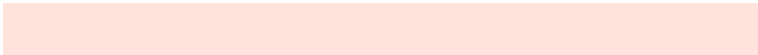
84.2176, 89.5704, 83.3134

Complementary

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



81.1326, 89.5704, 107.6204



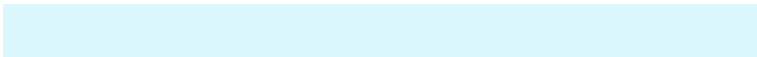
81.6269, 81.3641, 79.1145

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.



86.9633, 89.5704, 83.9345



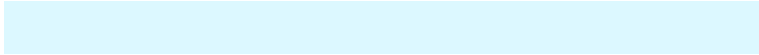
81.1326, 89.5704, 107.6204



90.4673, 89.5704, 94.9167

Square

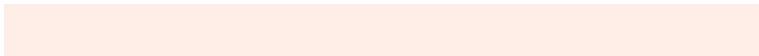
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1326, 89.5704, 107.6204



88.5890, 89.5704, 109.6405



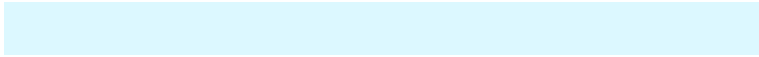
89.2648, 89.5704, 88.0852



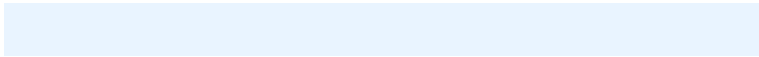
81.7700, 89.5704, 86.3402

Rectangle

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



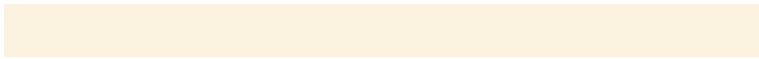
81.1326, 89.5704, 107.6204



85.1322, 89.5704, 113.5259



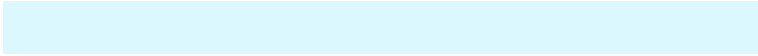
89.2648, 89.5704, 88.0852



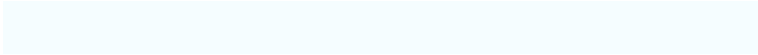
85.1357, 89.5704, 83.1065

Sweetspot

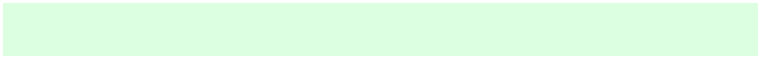
The Sweet Spot groups the original color and five complimentary colors.



81.1349, 89.5740, 107.6210



90.7495, 96.8227, 108.5134



79.0609, 92.2500, 85.8922



19.2559, 20.5989, 23.2110



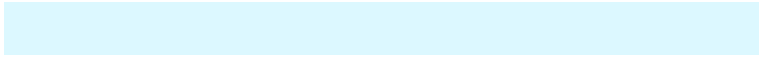
0.0000, 0.0000, 0.0000



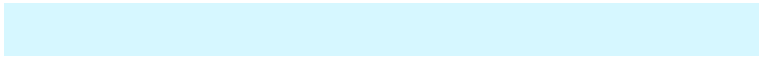
20.3446, 21.4041, 23.3091

Same Dimension

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



81.1349, 89.5740, 107.6210



79.0535, 87.9733, 107.4217



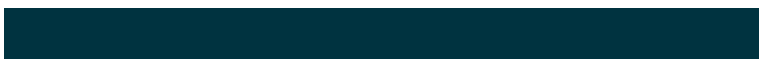
76.1657, 79.6355, 105.9646



18.2283, 19.8283, 23.1165



20.8269, 26.5635, 53.4641



2.1025, 2.7357, 5.2305

Inverse Universe

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



83.7779, 79.2253, 99.6876



82.1019, 76.1603, 98.2439



86.4844, 91.0791, 80.7337



18.6279, 18.2345, 21.9237



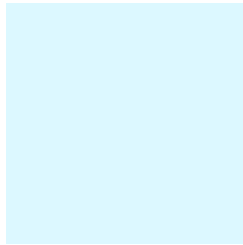
27.3007, 13.4096, 31.2975



2.6959, 1.3207, 3.2458

Previews

White Background



This preview shows how the XYZ color 81.1326, 89.5704, 107.6204 looks on a white background.

Color Contrast Check

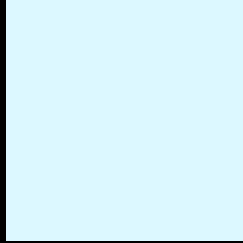
Large Text (above 18pt) WCAG AA × Fail

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 81.1326, 89.5704, 107.6204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

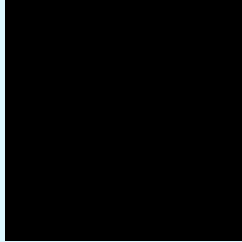
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1326, 89.5704, 107.6204

Background



This preview shows how black text looks on a background with the XYZ color 81.1326, 89.5704, 107.6204.



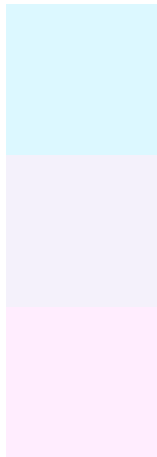
This preview shows how white text looks on a background with the XYZ color 81.1326, 89.5704,

107.6204.

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

81.1326, 89.5704, 107.6204

Protanopia

86.1761, 89.1087, 103.9245

Deuteranopia

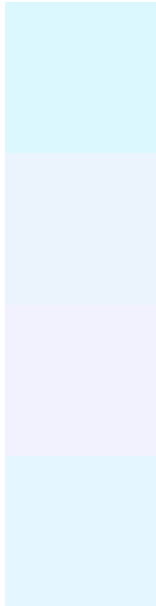
89.4136, 88.9841, 106.2290



Tritanopia

83.9811, 89.6806, 107.4916

Trichromacy



Original Color

81.1326, 89.5704, 107.6204

Protanomaly

84.1823, 89.3918, 104.9129

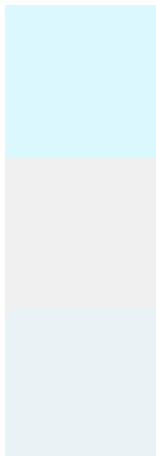
Deuteranomaly

85.9626, 88.9436, 106.4030

Tritanomaly

83.0007, 89.6255, 107.5326

Monochromacy



Original Color

81.1326, 89.5704, 107.6204

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.1363, 88.0174, 99.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1326, 89.5704, 107.6204 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(220, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 248, 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(220, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.1326, 89.5704, 107.6204 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(220, 248, 255) }
```


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

```
.border{ border-color:rgb(220, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 248, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 248, 255); box-shadow:4px 4px 4px 4px rgb(220, 248, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1326, 89.5704, 107.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 248, 255) }
```

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

```
.background{ background-color: rgb(220,  
248, 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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