

Converting Colors

XYZ(81.0220, 89.0356,
116.0655)

Have a look what the booklet for
XYZ(81.0220, 89.0356, 116.0655)
contains.

XYZ(79.3351, 88.1886, 107.4484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.3351, 88.1886,
107.4484)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F7FF
RGB	215, 247, 255
RGB Percent	84%, 97%, 100%
CMY	0.1569, 0.0314, 0.0000
CMYK	0.16, 0.03, 0.00, 0.00
HSL	192°, 100%, 92%
HSV	192°, 16%, 100%
XYZ	79.3351, 88.1886, 107.4484
YIQ	238.3440, -21.6400, -4.2960

Conversions

Conversions Part 2

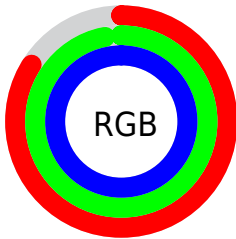
Format	Color
R_{YB}	215, 233, 255
Decimal	14153727
CIE _{Lab}	95.24, -8.71, -7.32
CIE _{LCh}	95, 11.380, 220.059
Yxy	88.1886, 0.2885, 0.3207
Android (android.graphics.Color)	4292343807 (0xFFD7F7FF)
YUV	238.3440, 8.2114, -20.4727
Hunter-Lab	93.9088, -13.5418, -2.1022

Details

The XYZ color **79.3351, 88.1886, 107.4484** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.8930, 78.9404, 75.3179**, and the grayscale version is **81.4869, 85.7305, 93.3605**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3210, 48.8124, 60.5646** is the 20% darker color. If you saturate the color by 10%, you get **70.8859, 81.5528, 106.6129**, and if you desaturate by 10%, it is **88.9985, 95.5184, 108.3539**.

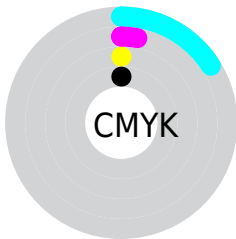
Distribution



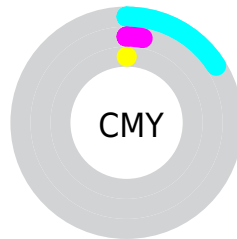
- Red (84%)
- Green (97%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3351, 88.1886, 107.4484 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 79.3351, 88.1886, 107.4484 by changing the saturation by 10% instead.

79.3351, 88.1886,
107.4484

79.3351, 88.1886,
107.4484

481.4600,
522.1207, 605.2675

59.4779, 66.4793,
81.8840

131.3860,
144.8197, 173.4968

43.2458, 48.6616,
60.7346

164.3104,
180.5103, 214.8178

30.2734, 34.3511,
43.5819

202.3212,
221.6300, 262.2281

20.1953, 23.1634,
30.0072

245.7839,
268.5634, 316.1462

12.6462, 14.7142,
19.5919

295.0638,
321.6947, 376.9906

7.2607, 8.6191,
11.9176

350.5262,

3.6734, 4.4936,

381.4085, 445.1800

6.5658

412.5365,
448.0890, 521.1327

■ 1.5191, 1.9533,
3.1178

■ 0.3388, 0.5801,
1.1551

■ 79.3351, 88.1886,
107.4484

■ 79.3351, 88.1886,
107.4484

■ 70.8859, 81.5528,
106.6129

■ 88.9985, 95.5184,
108.3539

■ 63.5899, 75.5718,
105.8430

95.0500, 100.0000,
108.9000

■ 57.3908, 70.2186,
105.1365

■ 52.2248, 65.4598,
104.4902

■ 48.0215, 61.2585,
103.9008

■ 44.7012, 57.5730,
103.3644

■ 42.1706, 54.3549,
102.8767

■ 40.3145, 51.5441,
102.4320

■ 39.6499, 50.4199,
102.2500

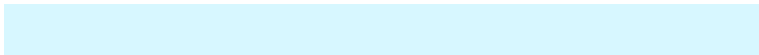
Harmonies

Analogous

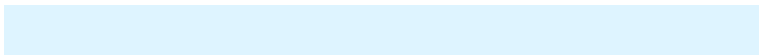
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0803, 88.1886, 99.0390



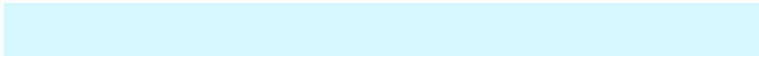
79.3351, 88.1886, 107.4484



81.8016, 88.1886, 113.0033

Triad

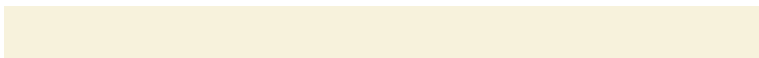
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3351, 88.1886, 107.4484



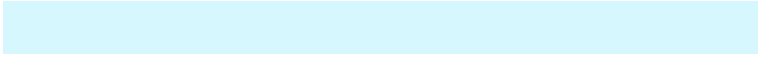
89.5572, 88.1886, 101.9706



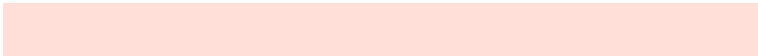
82.7825, 88.1886, 80.1565

Complementary

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



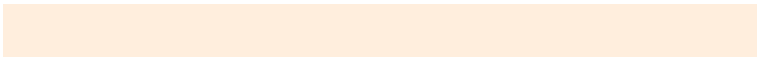
79.3351, 88.1886, 107.4484



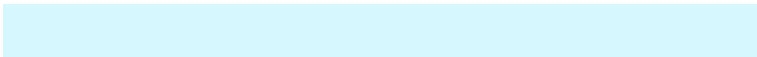
79.8930, 78.9404, 75.3179

Split Complementary

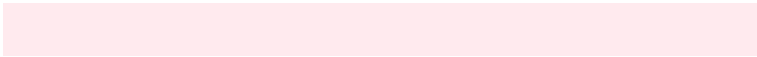
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8726, 88.1886, 80.8340



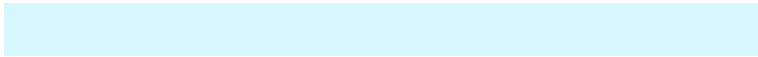
79.3351, 88.1886, 107.4484



89.8356, 88.1886, 93.0677

Square

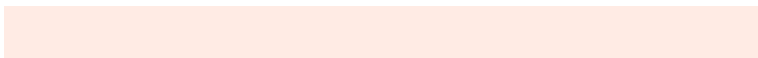
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3351, 88.1886, 107.4484



87.7207, 88.1886, 109.7079



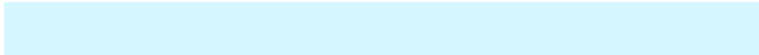
88.4721, 88.1886, 85.4366



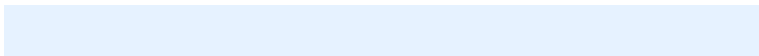
80.0379, 88.1886, 83.5251

Rectangle

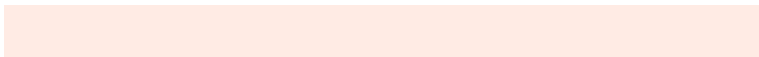
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3351, 88.1886, 107.4484



83.8268, 88.1886, 114.1494



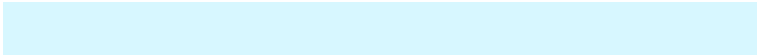
88.4721, 88.1886, 85.4366



83.8144, 88.1886, 79.9238

Sweetspot

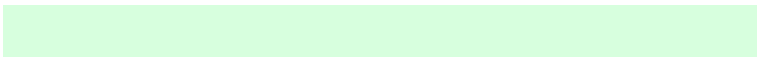
The Sweet Spot groups the original color and five complimentary colors.



79.3374, 88.1921, 107.4490



89.7062, 96.0462, 108.4185



77.0149, 91.2594, 82.8989



19.0455, 20.4420, 23.1918



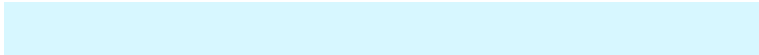
0.0000, 0.0000, 0.0000



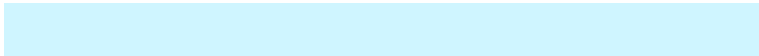
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3374, 88.1921, 107.4490



76.4046, 85.9166, 107.1644



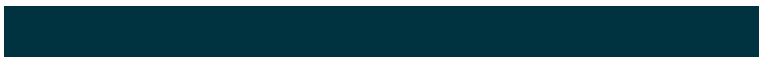
73.7273, 76.9720, 105.5790



18.2283, 19.8282, 23.1164



20.8264, 26.5624, 53.4640



2.1025, 2.7356, 5.2305

Inverse Universe

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



82.3304, 76.5779, 98.4416



79.9736, 72.2798, 96.3754



85.3577, 89.8698, 77.1394



18.6279, 18.2345, 21.9236



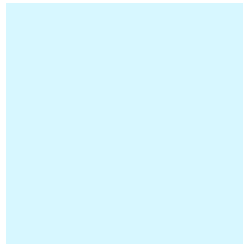
27.3004, 13.4095, 31.2960



2.6958, 1.3207, 3.2457

Previews

White Background



This preview shows how the XYZ color 79.3351, 88.1886, 107.4484 looks on a white background.

Color Contrast Check

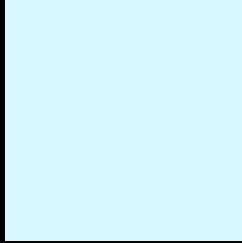
Large Text (above 18pt) WCAG AA × Fail

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 79.3351, 88.1886, 107.4484 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 79.3351, 88.1886, 107.4484

Background



This preview shows how black text looks on a background with the XYZ color 79.3351, 88.1886, 107.4484.

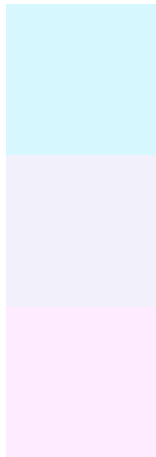


This preview shows how white text looks on a background with the XYZ color 79.3351, 88.1886,

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

79.3351, 88.1886, 107.4484

Protanopia

85.1906, 88.1625, 103.7938

Deuteranopia

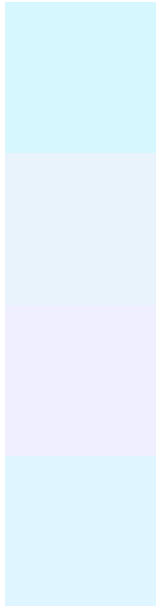
88.6314, 87.7075, 106.8656



Tritanopia

82.3956, 88.4153, 107.3309

Trichromacy



Original Color

79.3351, 88.1886, 107.4484

Protanomaly

82.9000, 88.2853, 104.7669

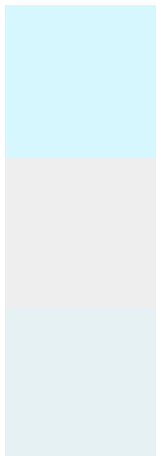
Deuteranomaly

84.8517, 87.4783, 107.0206

Tritanomaly

81.1338, 88.2128, 107.3583

Monochromacy



Original Color

79.3351, 88.1886, 107.4484

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.4176, 86.2652, 98.0003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3351, 88.1886, 107.4484 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, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 247, 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, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.3351, 88.1886, 107.4484 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, 247, 255) }
```


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

```
.border{ border-color:rgb(215, 247, 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, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3351, 88.1886, 107.4484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 247, 255) }
```

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

```
.background{ background-color: rgb(215,  
247, 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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