

Converting Colors

XYZ(81.4304, 90.6787,
106.1394)

Have a look what the booklet for
XYZ(81.4304, 90.6787, 106.1394)
contains.

XYZ(81.4304, 90.6787, 106.1394)	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(81.4304, 90.6787,
106.1394)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFAFD
RGB	220, 250, 253
RGB Percent	86%, 98%, 99%
CMY	0.1372, 0.0196, 0.0078
CMYK	0.13, 0.01, 0.00, 0.01
HSL	185°, 89%, 93%
HSV	185°, 13%, 99%
XYZ	81.4304, 90.6787, 106.1394
YIQ	241.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

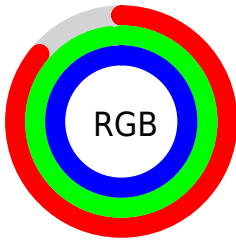
Format	Color
R _Y B	220, 236, 253
Decimal	14482173
CIE Lab	96.28, -9.07, -4.72
CIE LCh	96, 10.229, 207.504
Yxy	90.6787, 0.2927, 0.3259
Android (android.graphics.Color)	4292672253 (0xFFDCFAFD)
YUV	241.3720, 5.7326, -18.7432
Hunter-Lab	95.2254, -14.0031, 0.5724

Details

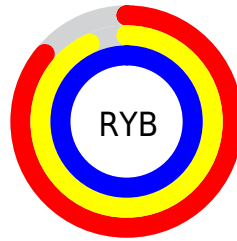
The XYZ color **81.4304, 90.6787, 106.1394** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.8145, 78.8250, 78.7197**, and the grayscale version is **83.8711, 88.2390, 96.0922**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7726, 50.5684, 59.6255** is the 20% darker color. If you saturate the color by 10%, you get **73.6364, 85.6098, 105.5732**, and if you desaturate by 10%, it is **90.3972, 96.3699, 106.7667**.

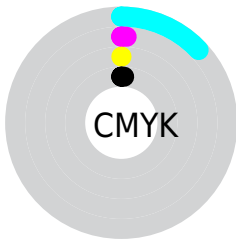
Distribution



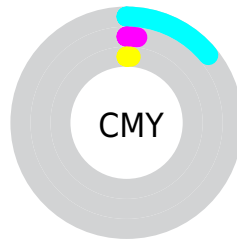
- Red (86%)
- Green (98%)
- Blue (99%)



- Red (86%)
- Yellow (93%)
- Blue (99%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4304, 90.6787, 106.1394 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 81.4304, 90.6787, 106.1394 by changing the saturation by 10% instead.

81.4304, 90.6787,
106.1394

81.4304, 90.6787,
106.1394

488.4038,
530.2362, 601.1159

61.2086, 68.5437,
80.7923

134.3149,
148.2808, 171.6940

44.6467, 50.3402,
59.8405

167.7084,
184.5166, 212.7386

31.3794, 35.6838,
42.8656

206.2232,
226.2216, 259.8528

21.0411, 24.1901,
29.4491

250.2246,
273.7800, 313.4550

13.2667, 15.4747,
19.1723

300.0780,
327.5762, 373.9639

7.6907, 9.1532,
11.6168

356.1488,

3.9478, 4.8412,

387.9948, 441.7980

6.3640

418.8023,
455.4199, 517.3758

■ 1.6727, 2.1544,
2.9953

■ 0.4391, 0.6950,
1.0922

■ 81.4304, 90.6787,
106.1394

■ 81.4304, 90.6787,
106.1394

■ 73.6364, 85.6098,
105.5732

■ 90.3972, 96.3699,
106.7667

■ 66.9553, 81.1252,
105.0597

94.6024, 99.6169,
107.1718

■ 61.3338, 77.1996,
104.5983

94.7299, 99.8720,
107.2143

■ 56.7114, 73.8017,
104.1861

■ 53.0209, 70.8971,
103.8199

■ 50.1872, 68.4468,
103.4964

■ 48.1233, 66.4061,
103.2112

■ 46.7237, 64.7203,
102.9596

■ 46.0348, 63.7018,
102.7993

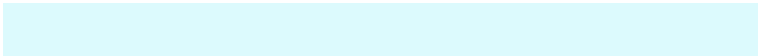
Harmonies

Analogous

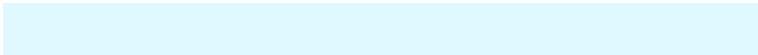
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8421, 90.6787, 98.0537



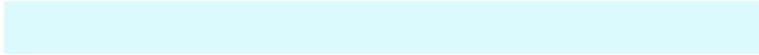
81.4304, 90.6787, 106.1394



83.2846, 90.6787, 112.5314

Triad

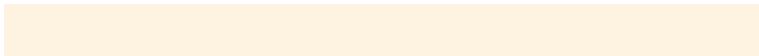
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4304, 90.6787, 106.1394



90.8793, 90.6787, 107.3831



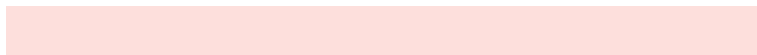
86.4256, 90.6787, 83.9083

Complementary

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



81.4304, 90.6787, 106.1394



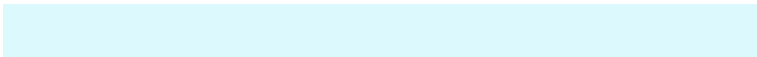
79.8145, 78.8250, 78.7197

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.



89.1568, 90.6787, 86.1126



81.4304, 90.6787, 106.1394



91.7632, 90.6787, 99.4168

Square

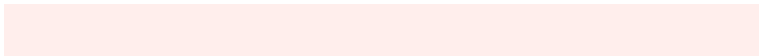
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4304, 90.6787, 106.1394



88.7359, 90.6787, 113.2768



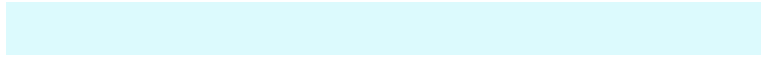
91.1261, 90.6787, 91.6807



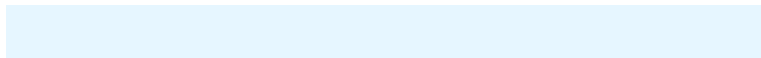
83.6882, 90.6787, 85.4919

Rectangle

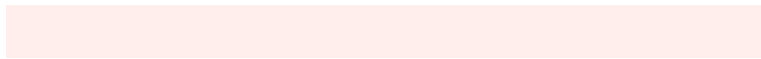
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



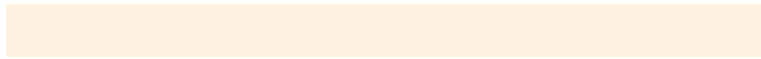
81.4304, 90.6787, 106.1394



85.0103, 90.6787, 114.8160



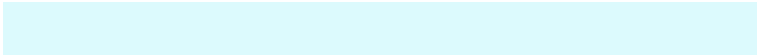
91.1261, 90.6787, 91.6807



87.3753, 90.6787, 84.2280

Sweetspot

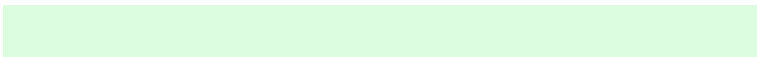
The Sweet Spot groups the original color and five complimentary colors.



81.4330, 90.6825, 106.1414



91.1017, 97.5270, 108.6308



77.9276, 90.7820, 83.0524



19.3453, 20.7777, 23.2408



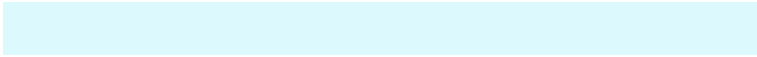
0.0000, 0.0000, 0.0000



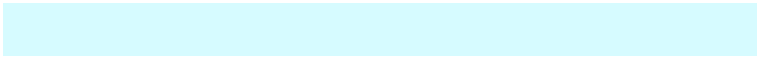
20.3446, 21.4041, 23.3091

Same Dimension

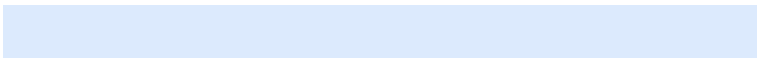
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4330, 90.6825, 106.1414



80.4295, 90.7253, 107.8804



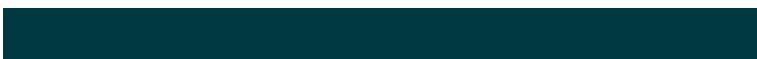
76.5980, 81.0125, 104.5298



18.4055, 20.1827, 23.1755



24.5452, 34.0001, 54.7036



2.4294, 3.3896, 5.3395

Inverse Universe

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



83.3586, 78.9730, 101.2967



82.7964, 76.4381, 101.9013



84.3675, 87.9310, 80.2374



18.7173, 18.2703, 22.3947



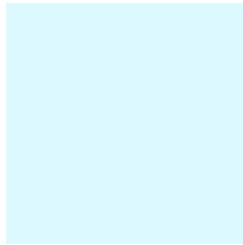
29.1775, 14.1603, 41.1807



2.8609, 1.3867, 4.1147

Previews

White Background



This preview shows how the XYZ color 81.4304, 90.6787, 106.1394 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 81.4304, 90.6787, 106.1394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

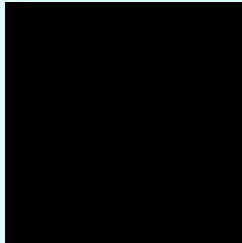
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4304, 90.6787, 106.1394

Background



This preview shows how black text looks on a background with the XYZ color 81.4304, 90.6787, 106.1394.

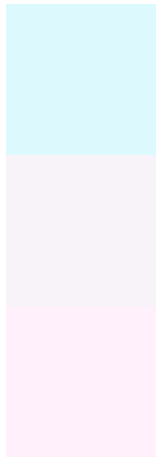


This preview shows how white text looks on a background with the XYZ color 81.4304, 90.6787,

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

81.4304, 90.6787, 106.1394

Protanopia

87.5072, 90.7149, 102.5201

Deuteranopia

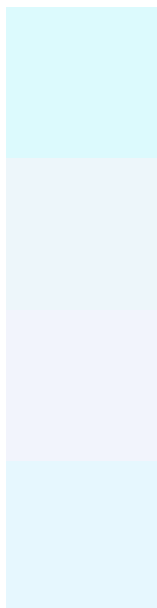
89.8127, 90.5452, 104.0101



Tritanopia

85.2667, 90.7937, 107.6386

Trichromacy



Original Color

81.4304, 90.6787, 106.1394

Protanomaly

85.1361, 90.8182, 103.4850

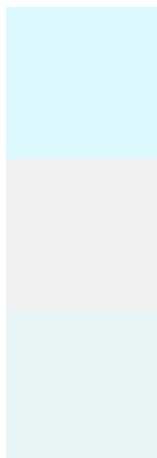
Deuteranomaly

86.5393, 90.6069, 105.0232

Tritanomaly

83.7833, 90.5003, 106.8184

Monochromacy



Original Color

81.4304, 90.6787, 106.1394

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.4364, 88.6176, 99.1462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4304, 90.6787, 106.1394 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, 250, 253)` looks like.

```
.text, #text, p{  
    color:rgb(220, 250, 253)  
}
```

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, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 250, 253) }
```

Border

The CSS property to change the border of an element to XYZ 81.4304, 90.6787, 106.1394 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, 250, 253) }
```


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

```
.border{ border-color:rgb(220, 250, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 250, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(220, 250,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4304, 90.6787, 106.1394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 250, 253) }
```

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

```
.background{ background-color: rgb(220,  
250, 253) }
```

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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