

Converting Colors

XYZ(81.4470, 91.4432,
104.2612)

Have a look what the booklet for
XYZ(81.4470, 91.4432, 104.2612)
contains.

XYZ(81.7382, 91.8015, 104.6782)	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(81.7382, 91.8015,
104.6782)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFCFB
RGB	220, 252, 251
RGB Percent	86%, 99%, 98%
CMY	0.1372, 0.0117, 0.0157
CMYK	0.13, 0.00, 0.00, 0.01
HSL	178°, 84%, 93%
HSV	178°, 13%, 99%
XYZ	81.7382, 91.8015, 104.6782
YIQ	242.3180, -18.7510, -7.0950

Conversions

Conversions Part 2

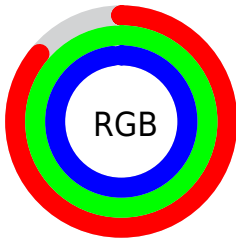
Format	Color
R _Y B	220, 236, 252
Decimal	14482683
CIE Lab	96.74, -10.46, -3.01
CIE LCh	97, 10.890, 196.067
Yxy	91.8015, 0.2938, 0.3300
Android (android.graphics.Color)	4292672763 (0xFFDCFCFB)
YUV	242.3180, 4.2802, -19.5729
Hunter-Lab	95.8131, -15.3945, 2.2934

Details

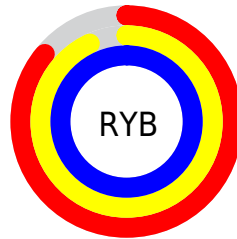
The XYZ color **81.7382, 91.8015, 104.6782** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.7925, 77.1048, 79.1406**, and the grayscale version is **84.6299, 89.0373, 96.9616**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8825, 50.9697, 59.1023** is the 20% darker color. If you saturate the color by 10%, you get **74.5551, 88.1153, 103.6949**, and if you desaturate by 10%, it is **90.0768, 96.0883, 105.7221**.

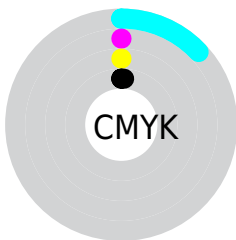
Distribution



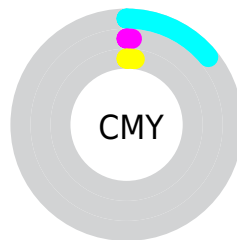
- Red (86%)
- Green (99%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7382, 91.8015, 104.6782 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 81.7382, 91.8015, 104.6782 by changing the saturation by 10% instead.

81.7382, 91.8015,
104.6782

81.7382, 91.8015,
104.6782

489.4193,
533.8738, 596.4638

61.4631, 69.4758,
79.5746

134.7445,
149.8382, 169.6791

44.8530, 51.0993,
58.8443

168.2065,
186.3181, 210.4136

31.5424, 36.2876,
42.0686

206.7949,
228.2847, 257.1954

21.1661, 24.6564,
28.8290

250.8749,
276.1225, 310.4431

13.3586, 15.8213,
18.7071

300.8121,
330.2159, 370.5752

7.7547, 9.3978,
11.2841

356.9716,

3.9888, 5.0015,

390.9494, 438.0104

6.1417

419.7189,
458.7072, 513.1671

■ 1.6958, 2.2482,
2.8613

■ 0.4537, 0.7461,
1.0242

■ 81.7382, 91.8015,
104.6782

■ 81.7382, 91.8015,
104.6782

■ 74.5551, 88.1153,
103.6949

■ 90.0768, 96.0883,
105.7221

■ 68.4682, 84.9917,
102.7637

■ 93.7152, 97.9494,
106.5469

■ 63.4252, 82.4062,
101.8841

■ 93.8412, 97.9998,
107.2099

■ 59.3659, 80.3277,
101.0532

■ 93.9676, 98.0504,
107.8758

■ 56.2244, 78.7224,
100.2680

■ 94.0946, 98.1012,
108.5444

■ 53.9266, 77.5519,
99.5250

■ 94.1021, 98.1042,
108.5840

■ 52.3869, 76.7721,
98.8201

■ 51.5016, 76.3297,
98.1486

■ 51.1568, 76.1621,
97.6741

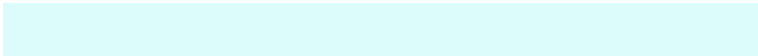
Harmonies

Analogous

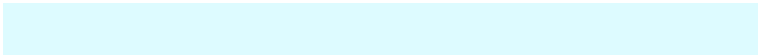
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6841, 91.8015, 95.9653



81.7382, 91.8015, 104.6782



83.2476, 91.8015, 112.5493

Triad

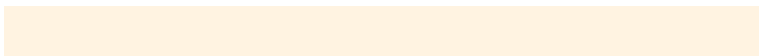
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7382, 91.8015, 104.6782



91.5475, 91.8015, 112.0712



88.6747, 91.8015, 84.5212

Complementary

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



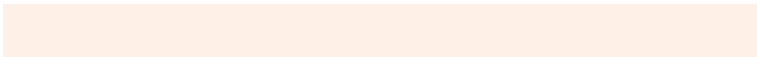
81.7382, 91.8015, 104.6782



78.7925, 77.1048, 79.1406

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.



91.3881, 91.8015, 88.3394



81.7382, 91.8015, 104.6782



93.0727, 91.8015, 104.0563

Square

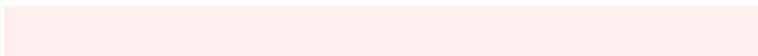
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



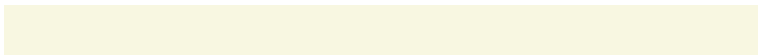
81.7382, 91.8015, 104.6782



88.8881, 91.8015, 116.9845



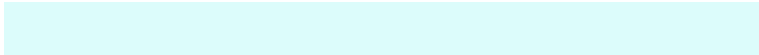
93.0137, 91.8015, 95.3784



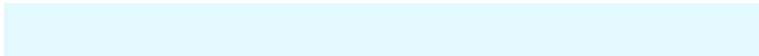
85.6411, 91.8015, 84.6661

Rectangle

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



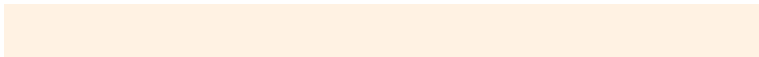
81.7382, 91.8015, 104.6782



84.8965, 91.8015, 116.1113



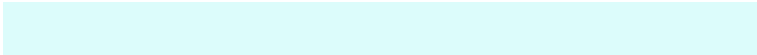
93.0137, 91.8015, 95.3784



89.6559, 91.8015, 85.3737

Sweetspot

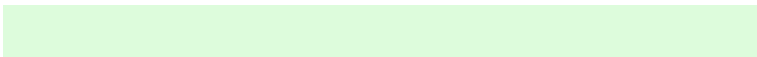
The Sweet Spot groups the original color and five complimentary colors.



81.7408, 91.8053, 104.6802



91.3450, 98.0959, 108.4580



77.5705, 90.1746, 81.0287



19.4072, 20.9224, 23.1969



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

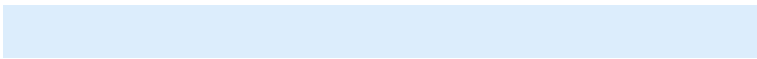
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7408, 91.8053, 104.6802



82.1585, 93.3764, 107.2917



77.3920, 82.8539, 104.0133



17.7409, 19.5986, 22.1022



26.6577, 39.6761, 50.9343



2.4762, 3.6776, 4.7553

Inverse Universe

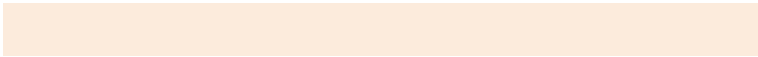
The Inverse Universe completely reimagines the original color for something new.



78.7925, 77.1048, 79.1406



78.6367, 75.8162, 76.7844



82.7557, 85.2445, 79.8038



17.2667, 17.2340, 17.9941



20.9443, 10.7935, 1.1494



1.9473, 1.0027, 0.1460

Previews

White Background



This preview shows how the XYZ color 81.7382, 91.8015, 104.6782 looks on a white background.

Color Contrast Check

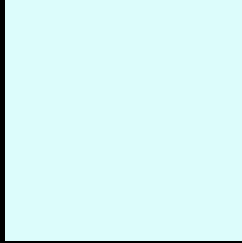
Large Text (above 18pt) WCAG AA × Fail

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 81.7382, 91.8015, 104.6782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

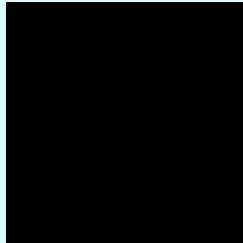
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7382, 91.8015, 104.6782

Background



This preview shows how black text looks on a background with the XYZ color 81.7382, 91.8015, 104.6782.



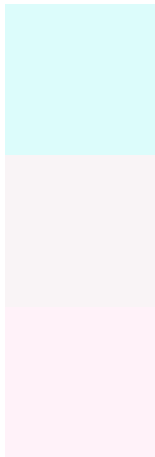
This preview shows how white text looks on a background with the XYZ color 81.7382, 91.8015,

104.6782.

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

81.7382, 91.8015, 104.6782

Protanopia

88.0522, 91.4949, 100.2082

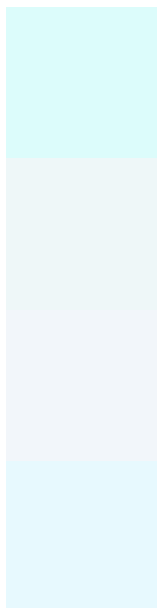
Deuteranopia

90.0910, 91.6038, 102.5555

Tritanopia

86.2358, 91.7461, 107.7714

Trichromacy



Original Color

81.7382, 91.8015, 104.6782

Protanomaly

85.4639, 91.4760, 101.9591

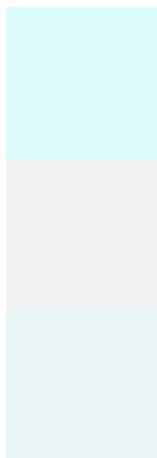
Deuteranomaly

86.8290, 91.6909, 103.5642

Tritanomaly

84.7201, 91.8960, 107.0384

Monochromacy



Original Color

81.7382, 91.8015, 104.6782

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.3689, 89.9965, 99.3633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7382, 91.8015, 104.6782 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, 252, 251)` looks like.

```
.text, #text, p{  
    color:rgb(220, 252, 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(220, 252, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 252, 251) }
```

Border

The CSS property to change the border of an element to XYZ 81.7382, 91.8015, 104.6782 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, 252, 251) }
```


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

```
.border{ border-color:rgb(220, 252, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 252, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 252, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 252, 251);  
box-shadow:4px 4px 4px 4px rgb(220, 252,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7382, 91.8015, 104.6782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 252, 251) }
```

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

```
.background{ background-color: rgb(220,  
252, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor