

Converting Colors

XYZ(83.0999, 93.9308,
104.2165)

Have a look what the booklet for
XYZ(83.0999, 93.9308, 104.2165)
contains.

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Color

**XYZ(83.1395, 93.9517,
104.1951)**

Conversions

Conversions Part 1

Format	Color
Hex	DEFFFA
RGB	222, 255, 250
RGB Percent	87%, 100%, 98%
CMY	0.1294, 0.0000, 0.0196
CMYK	0.13, 0.00, 0.02, 0.00
HSL	171°, 100%, 94%
HSV	171°, 13%, 100%
XYZ	83.1395, 93.9517, 104.1951
YIQ	244.5630, -18.0630, -8.5510

Conversions

Conversions Part 2

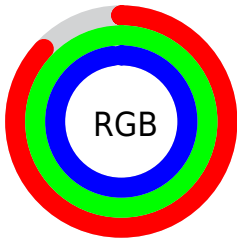
Format	Color
R_{YB}	222, 240, 255
Decimal	14614522
CIE _{Lab}	97.61, -11.53, -1.20
CIE _{LCh}	98, 11.590, 185.962
Yxy	93.9517, 0.2956, 0.3340
Android (android.graphics.Color)	4292804602 (0xFFDEFFFA)
YUV	244.5630, 2.6804, -19.7878
Hunter-Lab	96.9287, -16.5188, 4.1153

Details

The XYZ color **83.1395, 93.9517, 104.1951** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.2270, 79.0497, 83.6502**, and the grayscale version is **86.4293, 90.9303, 99.0231**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8680, 52.4987, 58.7547** is the 20% darker color. If you saturate the color by 10%, you get **75.3117, 89.9856, 100.7006**, and if you desaturate by 10%, it is **92.1628, 98.5326, 107.8132**.

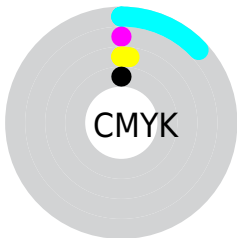
Distribution



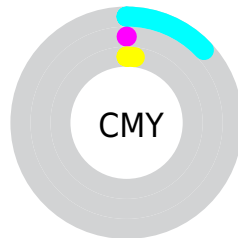
- Red (87%)
- Green (100%)
- Blue (98%)



- Red (87%)
- Yellow (94%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.1395, 93.9517, 104.1951 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 83.1395, 93.9517, 104.1951 by changing the saturation by 10% instead.


 83.1395, 93.9517,
104.1951

 83.1395, 93.9517,
104.1951


494.0282,
540.8035, 594.9216

 62.6225, 71.2628,
79.1723


136.6983,
152.8155, 169.0123

 45.7934, 52.5567,
58.5153


170.4709,
189.7593, 209.6439

 32.2868, 37.4490,
41.8056


209.3928,
232.2234, 256.3154

 21.7372, 25.5553,
28.6247

253.8292,
280.5922, 309.4454

 13.7795, 16.4913,
18.5540

304.1456,
335.2503, 369.4525

 8.0481, 9.8724,
11.1749

360.7074,

 4.1778, 5.3145,

396.5819, 436.7552

6.0689

423.8798,
464.9715, 511.7721

■ 1.8032, 2.4329,
2.8176

■ 0.5196, 0.8428,
1.0023

■ 83.1395, 93.9517,
104.1951

■ 83.1395, 93.9517,
104.1951

■ 75.3117, 89.9856,
100.7006

■ 92.1628, 98.5326,
107.8132

■ 68.6237, 86.6056,
97.3224

95.0500, 100.0000,
108.9000

■ 63.0193, 83.7829,
94.0588

■ 58.4368, 81.4855,
90.9067

■ 54.8077, 79.6783,
87.8624

■ 52.0557, 78.3218,
84.9220

■ 50.0920, 77.3703,
82.0809

■ 48.8091, 76.7685,
79.3337

■ 48.2033, 76.4973,
77.4454

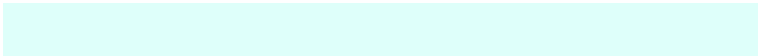
Harmonies

Analogous

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



83.6321, 93.9517, 95.0776



83.1395, 93.9517, 104.1951



84.2640, 93.9517, 113.3356

Triad

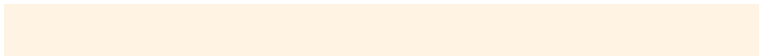
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.1395, 93.9517, 104.1951



93.0736, 93.9517, 117.7100



91.9059, 93.9517, 86.5939

Complementary

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



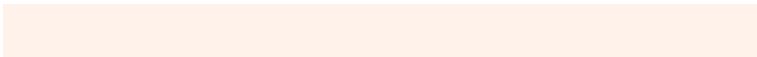
83.1395, 93.9517, 104.1951



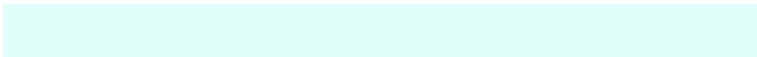
81.2270, 79.0497, 83.6502

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.



94.5291, 93.9517, 92.0003



83.1395, 93.9517, 104.1951



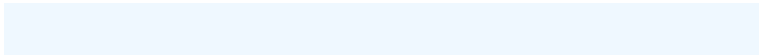
95.2148, 93.9517, 109.8738

Square

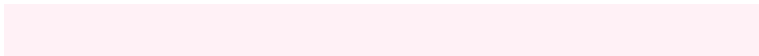
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1395, 93.9517, 104.1951



89.9584, 93.9517, 121.4411



95.7539, 93.9517, 100.4229



88.6413, 93.9517, 85.2793

Rectangle

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



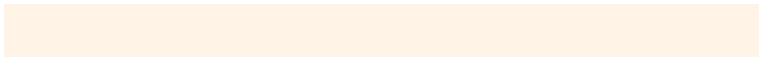
83.1395, 93.9517, 104.1951



85.7961, 93.9517, 118.0944



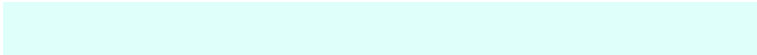
95.7539, 93.9517, 100.4229



92.8945, 93.9517, 87.9760

Sweetspot

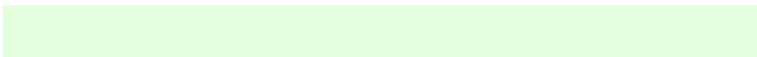
The Sweet Spot groups the original color and five complimentary colors.



83.1405, 93.9522, 104.1966



91.1487, 98.0174, 107.4242



80.7822, 93.2066, 82.8417



19.3573, 20.9024, 22.9343



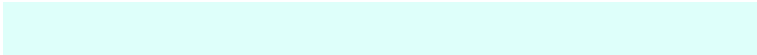
0.0000, 0.0000, 0.0000



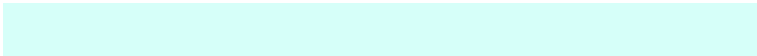
20.3446, 21.4041, 23.3091

Same Dimension

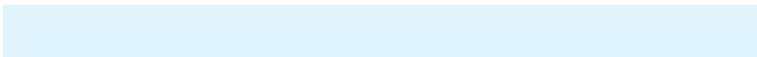
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1405, 93.9522, 104.1966



80.6208, 92.6746, 103.1143



80.5257, 87.4517, 107.2435



18.4296, 20.4314, 22.5654



25.2320, 39.9894, 40.7027



2.4874, 3.9059, 4.1244

Inverse Universe

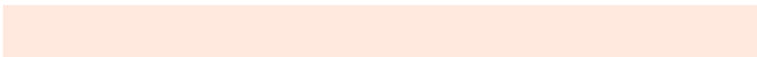
The Inverse Universe completely reimagines the original color for something new.



81.2270, 79.0497, 83.6502



78.3059, 74.6419, 78.2544



83.5644, 84.8127, 81.0749



18.1215, 18.0319, 19.2569



21.7702, 11.1974, 2.1742



2.1510, 1.1028, 0.3768

Previews

White Background



This preview shows how the XYZ color 83.1395, 93.9517, 104.1951 looks on a white background.

Color Contrast Check

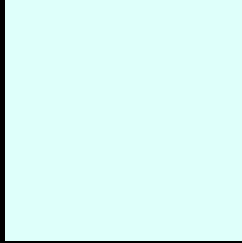
Large Text (above 18pt) WCAG AA × Fail

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 83.1395, 93.9517, 104.1951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

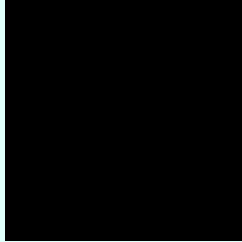
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

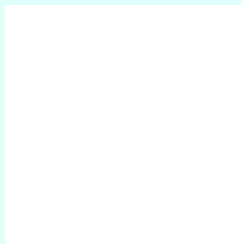
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.1395, 93.9517, 104.1951

Background



This preview shows how black text looks on a background with the XYZ color 83.1395, 93.9517, 104.1951.



This preview shows how white text looks on a background with the XYZ color 83.1395, 93.9517,

Color Blindness Simulation

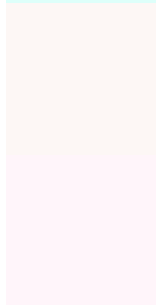
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.1395, 93.9517, 104.1951



Protanopia

90.2502, 93.9967, 99.7727

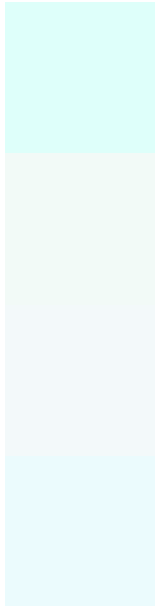
Deuteranopia

91.1477, 93.4669, 103.6794

Tritanopia

88.5436, 93.8486, 108.0556

Trichromacy



Original Color

83.1395, 93.9517, 104.1951

Protanomaly

87.5921, 93.9639, 101.5159

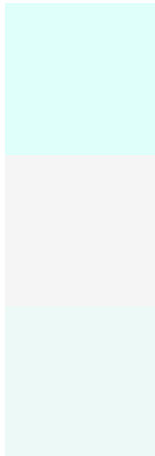
Deuteranomaly

88.0931, 93.7082, 103.8870

Tritanomaly

86.4878, 93.7484, 106.4654

Monochromacy



Original Color

83.1395, 93.9517, 104.1951

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.5892, 92.4713, 101.3334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1395, 93.9517, 104.1951 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(222, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 250)  
}
```

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(222, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 83.1395, 93.9517, 104.1951 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(222, 255, 250) }
```


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

```
.border{ border-color:rgb(222, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1395, 93.9517, 104.1951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 250) }
```

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

```
.background{ background-color: rgb(222,  
255, 250) }
```

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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