

Converting Colors

XYZ(133.8819, 193.9534,
124.5252)

Have a look what the booklet for
XYZ(133.8819, 193.9534, 124.5252)
contains.

XYZ(84.0808, 94.3637, 107.5484)	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(84.0808, 94.3637,
107.5484)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFFFE
RGB	223, 255, 254
RGB Percent	87%, 100%, 100%
CMY	0.1255, 0.0000, 0.0039
CMYK	0.13, 0.00, 0.00, 0.00
HSL	178°, 100%, 94%
HSV	178°, 13%, 100%
XYZ	84.0808, 94.3637, 107.5484
YIQ	245.3180, -18.7510, -7.0950

Conversions

Conversions Part 2

Format	Color
R_{YB}	223, 239, 255
Decimal	14680062
CIE _{Lab}	97.78, -10.44, -3.01
CIE _{LCh}	98, 10.869, 196.076
Yxy	94.3637, 0.2940, 0.3300
Android (android.graphics.Color)	4292870142 (0xFFDFFFE)
YUV	245.3180, 4.2802, -19.5729
Hunter-Lab	97.1410, -15.4953, 2.3565

Details

The XYZ color **84.0808, 94.3637, 107.5484** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.0829, 79.4184, 81.5771**, and the grayscale version is **87.0241, 91.5561, 99.7046**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4206, 52.7442, 60.5574** is the 20% darker color. If you saturate the color by 10%, you get **76.6802, 90.5632, 106.5398**, and if you desaturate by 10%, it is **92.6671, 98.7753, 108.6182**.

Distribution



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



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0808, 94.3637, 107.5484 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 84.0808, 94.3637, 107.5484 by changing the saturation by 10% instead.


 84.0808, 94.3637,
107.5484

 84.0808, 94.3637,
107.5484


497.1111,
542.1259, 605.5840

 63.4021, 71.6055,
81.9674


138.0089,
153.3852, 173.6344

 46.4264, 52.8365,
60.8030


171.9889,
190.4174, 214.9765

 32.7885, 37.6722,
43.6367


211.1335,
232.9762, 262.4093

 22.1229, 25.7284,
30.0499

255.8079,
281.4463, 316.3515

 14.0644, 16.6206,
19.6241

306.3775,
336.2119, 377.2215

 8.2474, 9.9643,
11.9407

363.2077,

 4.3068, 5.3753,

397.6574, 445.4379

6.5813

426.6638,
466.1673, 521.4192

■ 1.8771, 2.4691,
3.1272

■ 0.5635, 0.8611,
1.1599

■ 84.0808, 94.3637,
107.5484

■ 84.0808, 94.3637,
107.5484

■ 76.6802, 90.5632,
106.5398

■ 92.6671, 98.7753,
108.6182

■ 70.4096, 87.3453,
105.5854

95.0500, 100.0000,
108.9000

■ 65.2133, 84.6810,
104.6840

■ 61.0296, 82.5388,
103.8327

■ 57.7908, 80.8835,
103.0285

■ 55.4205, 79.6760,
102.2676

■ 53.8310, 78.8709,
101.5460

■ 52.9157, 78.4133,
100.8587

■ 52.5554, 78.2382,
100.3633

Harmonies

Analogous

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



84.0253, 94.3637, 98.6909



84.0808, 94.3637, 107.5484



85.6163, 94.3637, 115.5448

Triad

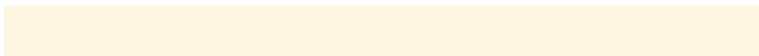
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0808, 94.3637, 107.5484



94.0541, 94.3637, 115.0548



91.1325, 94.3637, 87.0445

Complementary

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



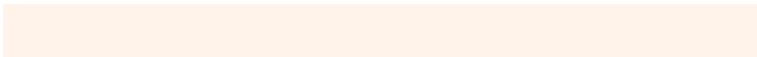
84.0808, 94.3637, 107.5484



81.0829, 79.4184, 81.5771

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.



93.8906, 94.3637, 90.9291



84.0808, 94.3637, 107.5484



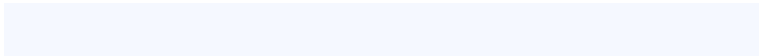
95.6035, 94.3637, 106.9107

Square

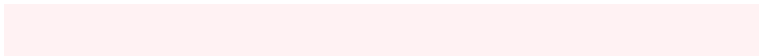
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0808, 94.3637, 107.5484



91.3514, 94.3637, 120.0462



95.5430, 94.3637, 98.0888



88.0486, 94.3637, 87.1933

Rectangle

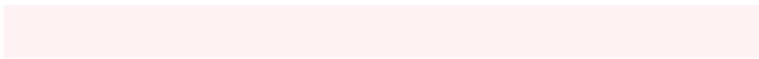
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



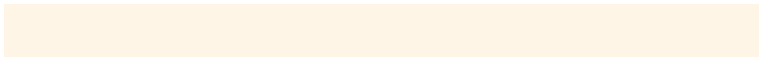
84.0808, 94.3637, 107.5484



87.2932, 94.3637, 119.1616



95.5430, 94.3637, 98.0888



92.1300, 94.3637, 87.9118

Sweetspot

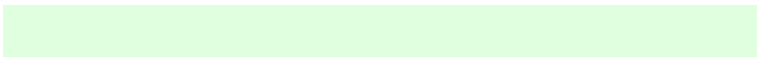
The Sweet Spot groups the original color and five complimentary colors.



84.0818, 94.3642, 107.5499



91.3452, 98.0960, 108.4594



79.8414, 92.7061, 83.4996



19.4072, 20.9224, 23.1973



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

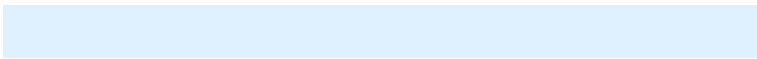
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0818, 94.3642, 107.5499



82.1595, 93.3768, 107.2970



79.6621, 85.2684, 106.8675



18.5289, 20.4711, 23.0884



27.4723, 40.8855, 52.4998



2.6823, 3.9838, 5.1507

Inverse Universe

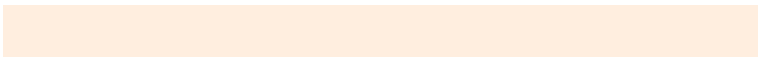
The Inverse Universe completely reimagines the original color for something new.



81.0829, 79.4184, 81.5771



78.6359, 75.8159, 76.7801



85.1151, 87.6988, 82.2551



18.0323, 17.9963, 18.7875



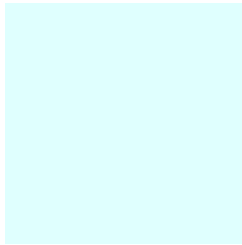
21.5815, 11.1219, 1.1806



2.1090, 1.0860, 0.1556

Previews

White Background



This preview shows how the XYZ color 84.0808, 94.3637, 107.5484 looks on a white background.

Color Contrast Check

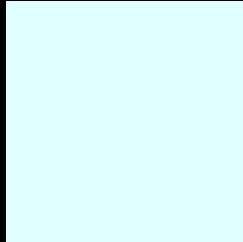
Large Text (above 18pt) WCAG AA × Fail

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 84.0808, 94.3637, 107.5484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

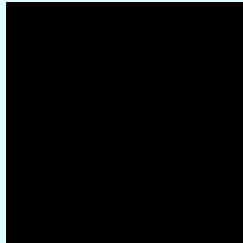
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0808, 94.3637, 107.5484

Background



This preview shows how black text looks on a background with the XYZ color 84.0808, 94.3637, 107.5484.



This preview shows how white text looks on a background with the XYZ color 84.0808, 94.3637,

107.5484.

Color Blindness Simulation

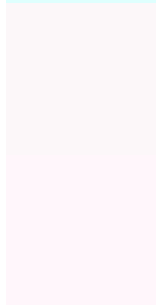
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.0808, 94.3637, 107.5484



Protanopia

90.5045, 94.0565, 103.0072

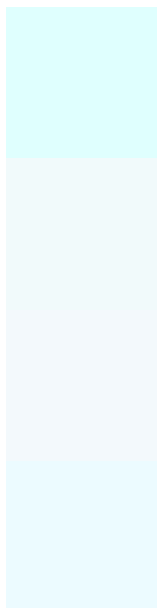
Deuteranopia

91.6084, 94.1366, 104.6087

Tritanopia

88.8878, 94.0260, 108.0717

Trichromacy



Original Color

84.0808, 94.3637, 107.5484

Protanomaly

87.8738, 94.0370, 104.7863

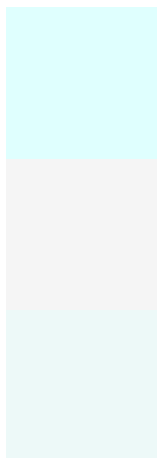
Deuteranomaly

88.4085, 93.8343, 105.5477

Tritanomaly

87.1393, 94.0472, 108.1679

Monochromacy



Original Color

84.0808, 94.3637, 107.5484

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.7440, 92.5332, 102.1484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0808, 94.3637, 107.5484 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(223, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 254)  
}
```

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(223, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 84.0808, 94.3637, 107.5484 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(223, 255, 254) }
```


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

```
.border{ border-color:rgb(223, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0808, 94.3637, 107.5484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 254) }
```

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

```
.background{ background-color: rgb(223,  
255, 254) }
```

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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