

Converting Colors

XYZ(86.0372, 93.9849,
105.6755)

Have a look what the booklet for
XYZ(86.0372, 93.9849, 105.6755)
contains.

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Color

**XYZ(85.9854, 93.9727,
105.7021)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FCFC
RGB	233, 252, 252
RGB Percent	91%, 99%, 99%
CMY	0.0863, 0.0117, 0.0118
CMYK	0.08, 0.00, 0.00, 0.01
HSL	180°, 76%, 95%
HSV	180°, 8%, 99%
XYZ	85.9854, 93.9727, 105.7021
YIQ	246.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

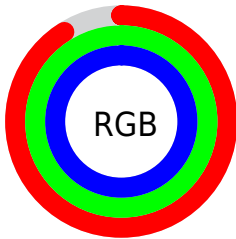
Format	Color
R _Y B	233, 243, 252
Decimal	15334652
CIE Lab	97.62, -6.17, -2.13
CIE LCh	98, 6.528, 199.089
Yxy	93.9727, 0.3010, 0.3290
Android (android.graphics.Color)	4293524732 (0xFFE9FCFC)
YUV	246.3190, 2.8007, -11.6808
Hunter-Lab	96.9395, -11.3146, 3.2083

Details

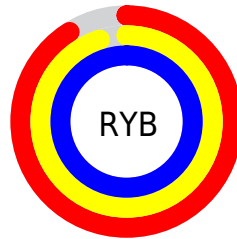
The XYZ color **85.9854, 93.9727, 105.7021** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9952, 84.8591, 89.0477**, and the grayscale version is **87.8424, 92.4171, 100.6422**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4969, 52.3175, 59.2247** is the 20% darker color. If you saturate the color by 10%, you get **78.3390, 90.0335, 105.3421**, and if you desaturate by 10%, it is **93.6239, 97.9130, 106.0656**.

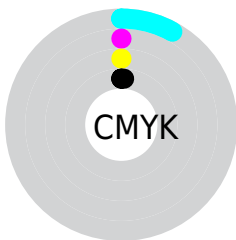
Distribution



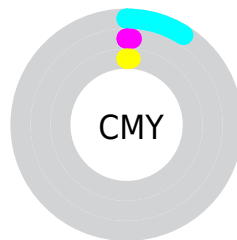
- Red (91%)
- Green (99%)
- Blue (99%)



- Red (91%)
- Yellow (95%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)




- Cyan (9%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9854, 93.9727, 105.7021 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 85.9854, 93.9727, 105.7021 by changing the saturation by 10% instead.


 85.9854, 93.9727,
105.7021

 85.9854, 93.9727,
105.7021


503.3178,
540.8709, 599.7256

 64.9811, 71.2802,
80.4277


140.6560,
152.8446, 171.0913

 47.7104, 52.5709,
59.5422


175.0531,
189.7928, 212.0433

 33.8079, 37.4604,
42.6268


214.6452,
232.2617, 259.0581

 22.9083, 25.5641,
29.2632

259.7976,
280.6358, 312.5545

 14.6461, 16.4978,
19.0327

310.8757,
335.2993, 372.9509

 8.6561, 9.8771,
11.5169

368.2449,

 4.5729, 5.3176,

396.6368, 440.6659

6.2971

432.2704,
465.0325, 516.1179

■ 2.0310, 2.4348,
2.9549

■ 0.6513, 0.8437,
1.0716

■ 85.9854, 93.9727,
105.7021

■ 85.9854, 93.9727,
105.7021

■ 78.3390, 90.0335,
105.3421

■ 93.6239, 97.9130,
106.0656

■ 71.8152, 86.6705,
105.0327

■ 93.6247, 97.9133,
106.0698

■ 66.3636, 83.8602,
104.7734

■ 93.6255, 97.9136,
106.0740

■ 61.9270, 81.5731,
104.5617

■ 93.6263, 97.9139,
106.0781

■ 58.4425, 79.7768,
104.3945

■ 93.6271, 97.9142,
106.0823

■ 55.8406, 78.4356,
104.2686

■ 93.6278, 97.9146,
106.0864

■ 54.0421, 77.5085,
104.1803

■ 93.6286, 97.9149,
106.0906

■ 52.9539, 76.9477,
104.1252

■ 93.6294, 97.9152,
106.0948

■ 52.4536, 76.6898,
104.0977

■ 93.6302, 97.9155,
106.0989

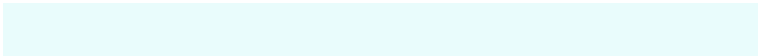
Harmonies

Analogous

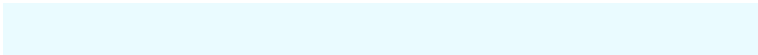
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8569, 93.9727, 100.3964



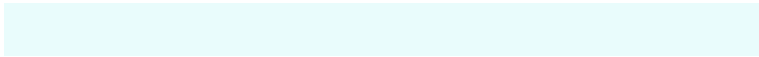
85.9854, 93.9727, 105.7021



86.9996, 93.9727, 110.2468

Triad

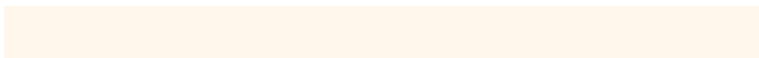
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9854, 93.9727, 105.7021



92.0447, 93.9727, 109.1661



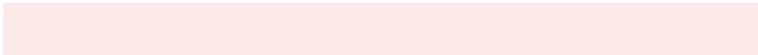
89.9960, 93.9727, 92.6015

Complementary

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



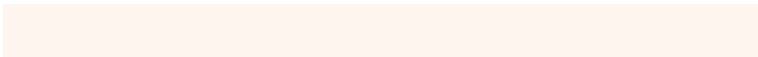
85.9854, 93.9727, 105.7021



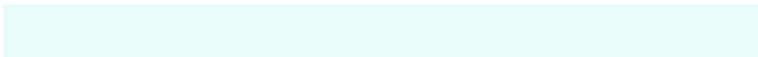
83.9952, 84.8591, 89.0477

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.



91.6777, 93.9727, 94.7832



85.9854, 93.9727, 105.7021



92.8713, 93.9727, 104.2686

Square

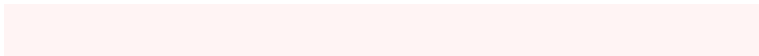
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9854, 93.9727, 105.7021



90.4914, 93.9727, 112.2941



92.7361, 93.9727, 99.0114



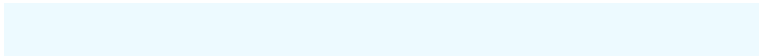
88.1553, 93.9727, 92.9553

Rectangle

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



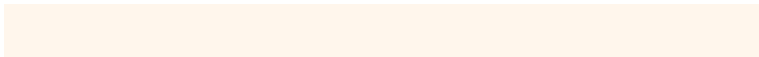
85.9854, 93.9727, 105.7021



88.0496, 93.9727, 112.1758



92.7361, 93.9727, 99.0114



90.5990, 93.9727, 93.0596

Sweetspot

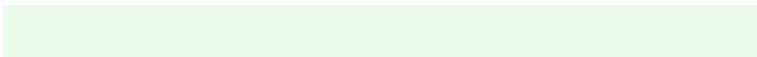
The Sweet Spot groups the original color and five complimentary colors.



85.9881, 93.9767, 105.7042



93.1984, 99.0455, 108.8125



83.2289, 92.8850, 90.6344



19.9677, 21.2098, 23.2913



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

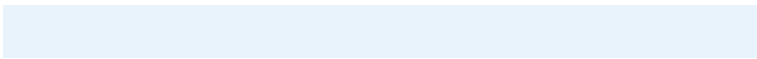
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9881, 93.9767, 105.7042



87.1042, 95.9039, 108.5243



83.1735, 88.3465, 104.7689



17.7657, 19.6086, 22.2329



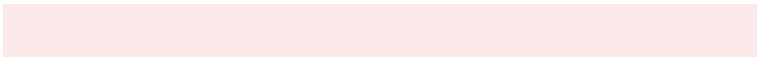
27.2819, 39.9257, 54.2209



2.5268, 3.6978, 5.0220

Inverse Universe

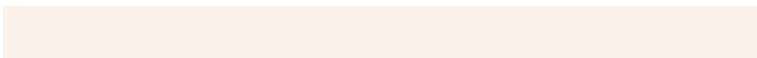
The Inverse Universe completely reimagines the original color for something new.



83.9952, 84.8591, 89.0477



84.6839, 84.8307, 88.2952



86.6630, 90.1955, 89.9343



17.2448, 17.2253, 17.8790



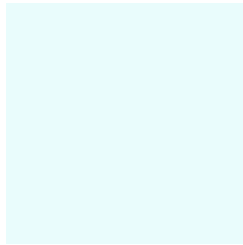
20.9121, 10.7806, 0.9797



1.9369, 0.9985, 0.0910

Previews

White Background



This preview shows how the XYZ color 85.9854, 93.9727, 105.7021 looks on a white background.

Color Contrast Check

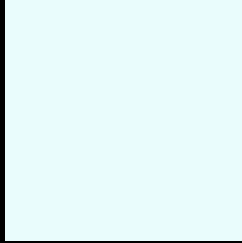
Large Text (above 18pt) WCAG AA × Fail

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 85.9854, 93.9727, 105.7021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

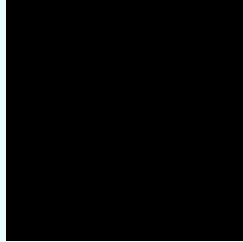
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.9854, 93.9727, 105.7021

Background



This preview shows how black text looks on a background with the XYZ color 85.9854, 93.9727, 105.7021.

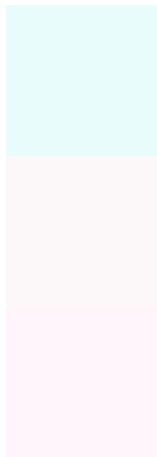


This preview shows how white text looks on a background with the XYZ color 85.9854, 93.9727,

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

85.9854, 93.9727, 105.7021

Protanopia

90.5045, 94.0565, 103.0072

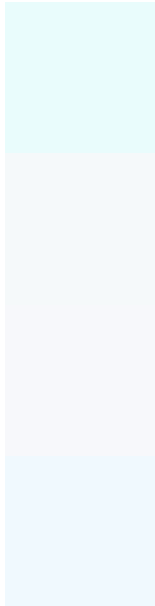
Deuteranopia

91.1477, 93.4669, 103.6794

Tritanopia

88.9256, 93.5879, 107.9851

Trichromacy



Original Color

85.9854, 93.9727, 105.7021

Protanomaly

88.7872, 94.0660, 103.9194

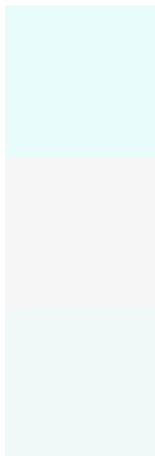
Deuteranomaly

89.3378, 93.8740, 104.6777

Tritanomaly

87.7003, 93.4324, 107.1779

Monochromacy



Original Color

85.9854, 93.9727, 105.7021

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.7863, 92.6129, 102.1089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9854, 93.9727, 105.7021 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(233, 252, 252)` looks like.

```
.text, #text, p{  
    color:rgb(233, 252, 252)  
}
```

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(233, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 252, 252) }
```

Border

The CSS property to change the border of an element to XYZ 85.9854, 93.9727, 105.7021 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(233, 252, 252) }
```


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

```
.border{ border-color:rgb(233, 252, 252) }
```

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

Here you see how a box with a 4 pixel rgb(233, 252, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(233, 252,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9854, 93.9727, 105.7021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 252, 252) }
```

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

```
.background{ background-color: rgb(233,  
252, 252) }
```

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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