

Converting Colors

XYZ(85.9837, 90.1098,
107.4688)

Have a look what the booklet for
XYZ(85.9837, 90.1098, 107.4688)
contains.

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Color

**XYZ(85.9973, 90.2721,
107.4995)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF4FF
RGB	239, 244, 255
RGB Percent	94%, 96%, 100%
CMY	0.0627, 0.0431, 0.0000
CMYK	0.06, 0.04, 0.00, 0.00
HSL	221°, 100%, 97%
HSV	221°, 6%, 100%
XYZ	85.9973, 90.2721, 107.4995
YIQ	243.7590, -6.5110, 2.3610

Conversions

Conversions Part 2

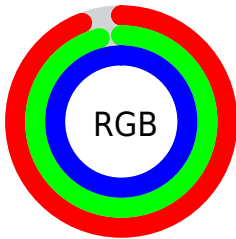
Format	Color
R_{YB}	239, 243, 255
Decimal	15725823
CIE _{Lab}	96.11, 0.37, -5.86
CIE _{LCh}	96, 5.869, 273.599
Y _{xy}	90.2721, 0.3031, 0.3181
Android (android.graphics.Color)	4293915903 (0xFFEFF4FF)
Y _{UV}	243.7590, 5.5418, -4.1736
Hunter-Lab	95.0116, -4.7057, -0.5746

Details

The XYZ color **85.9973, 90.2721, 107.4995** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.0047, 95.8610, 95.3694**, and the grayscale version is **85.7594, 90.2256, 98.2556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7047, 50.1109, 60.5842** is the 20% darker color. If you saturate the color by 10%, you get **72.9638, 76.0961, 105.4502**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

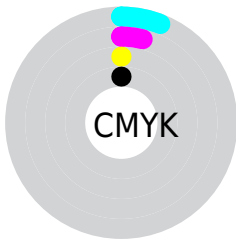
Distribution



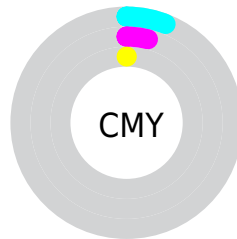
- Red (94%)
- Green (96%)
- Blue (100%)



- Red (94%)
- Yellow (95%)
- Blue (100%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.9973, 90.2721, 107.4995 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 85.9973, 90.2721, 107.4995 by changing the saturation by 10% instead.

85.9973, 90.2721,
107.4995

85.9973, 90.2721,
107.4995

503.3564,
528.9156, 605.4292

64.9910, 68.2063,
81.9266

140.6726,
147.7163, 173.5671

47.7185, 50.0656,
60.7696

175.0723,
183.8635, 214.8989

33.8143, 35.4655,
43.6099

214.6671,
225.4734, 262.3207

22.9132, 24.0217,
30.0290

259.8225,
272.9302, 316.2511

14.6498, 15.3497,
19.6084

310.9038,
326.6185, 377.1086

8.6587, 9.0652,
11.9294

368.2763,

4.5745, 4.7837,

386.9225, 445.3118

6.5737

432.3054,
454.2268, 521.2791

■ 2.0320, 2.1209,
3.1226

■ 0.6519, 0.6764,
1.1576

■ 85.9973, 90.2721,
107.4995

■ 85.9973, 90.2721,
107.4995

■ 72.9638, 76.0961,
105.4502

95.0500, 100.0000,
108.9000

■ 61.5794, 63.4913,
103.6172

■ 51.7777, 52.4045,
101.9938

■ 43.4851, 42.7751,
100.5722

■ 36.6218, 34.5380,
99.3441

■ 31.1001, 27.6230,
98.3004

■ 26.8221, 21.9526,
97.4313

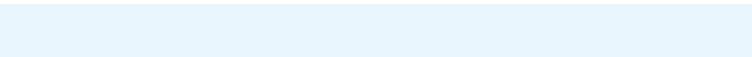
■ 23.6744, 17.4398,
96.7262

■ 21.5196, 13.9826,
96.1724

Harmonies

Analogous

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



84.4184, 90.2721, 106.5300



85.9973, 90.2721, 107.4995



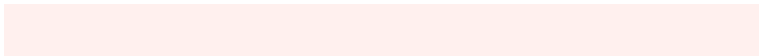
87.5424, 90.2721, 105.9381

Triad

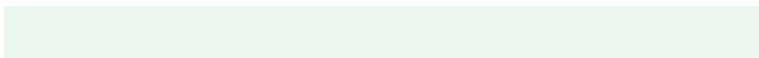
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9973, 90.2721, 107.4995



88.4311, 90.2721, 93.4195



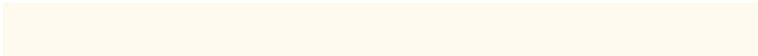
83.0313, 90.2721, 94.3636

Complementary

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



85.9973, 90.2721, 107.4995



91.0047, 95.8610, 95.3694

Split Complementary

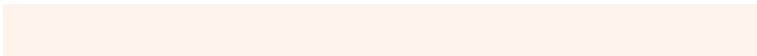
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0827, 90.2721, 91.0210



85.9973, 90.2721, 107.4995



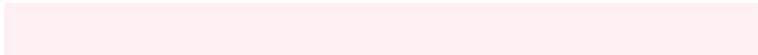
87.1984, 90.2721, 90.4881

Square

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



85.9973, 90.2721, 107.4995



88.9588, 90.2721, 97.7301



85.6048, 90.2721, 89.6239



82.7187, 90.2721, 98.8540

Rectangle

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



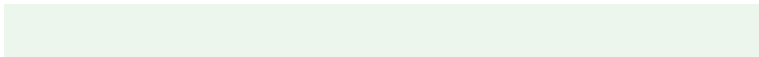
85.9973, 90.2721, 107.4995



88.3417, 90.2721, 103.7001



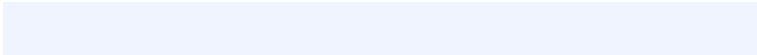
85.6048, 90.2721, 89.6239



83.3094, 90.2721, 93.0733

Sweetspot

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



85.9996, 90.2758, 107.5000



92.0906, 96.8296, 108.4440



88.6022, 96.7690, 104.3966



19.7422, 20.7588, 23.2163



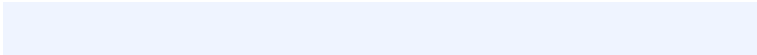
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



85.9996, 90.2758, 107.5000



83.6285, 87.7132, 107.1304



85.5127, 87.8199, 107.0517



17.4665, 18.3046, 22.8625



11.0378, 6.9852, 50.2011



1.1674, 0.8655, 4.9188

Inverse Universe

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



88.4371, 89.5261, 98.2116



86.7082, 86.7976, 95.3874



91.5094, 98.4601, 95.8445



18.2434, 18.0807, 19.8987



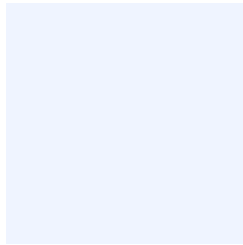
22.3596, 11.4331, 5.2779



2.2239, 1.1319, 0.7602

Previews

White Background



This preview shows how the XYZ color 85.9973, 90.2721, 107.4995 looks on a white background.

Color Contrast Check

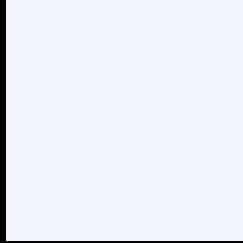
Large Text (above 18pt) WCAG AA × Fail

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 85.9973, 90.2721, 107.4995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

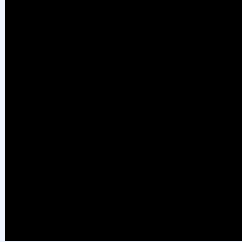
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

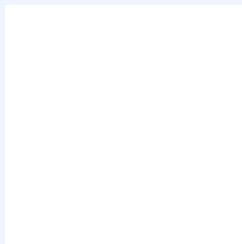
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.9973, 90.2721, 107.4995

Background



This preview shows how black text looks on a background with the XYZ color 85.9973, 90.2721, 107.4995.



This preview shows how white text looks on a background with the XYZ color 85.9973, 90.2721,

107.4995.

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

85.9973, 90.2721, 107.4995

Protanopia

87.2977, 90.0725, 106.5506

Deuteranopia

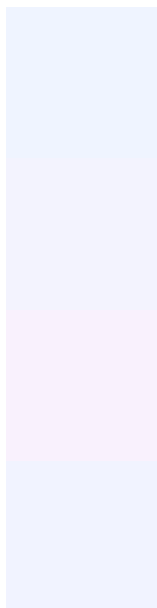
89.6772, 90.0213, 104.7448



Tritanopia

86.7185, 90.1984, 107.4472

Trichromacy



Original Color

85.9973, 90.2721, 107.4995

Protanomaly

86.9021, 90.3116, 106.6176

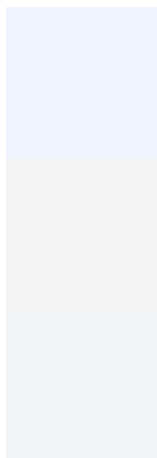
Deuteranomaly

88.2518, 90.1422, 105.6763

Tritanomaly

86.3762, 90.0220, 107.4312

Monochromacy



Original Color

85.9973, 90.2721, 107.4995

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.9119, 90.3559, 101.7193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9973, 90.2721, 107.4995 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(239, 244, 255) looks like.

```
.text, #text, p{  
    color:rgb(239, 244, 255)  
}
```

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(239, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.9973, 90.2721, 107.4995 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(239, 244, 255) }
```


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

```
.border{ border-color:rgb(239, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9973, 90.2721, 107.4995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 244, 255) }
```

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

```
.background{ background-color: rgb(239,  
244, 255) }
```

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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