

Converting Colors

XYZ(86.8390, 95.9920, 98.3550)

Have a look what the booklet for
XYZ(86.8390, 95.9920, 98.3550)
contains.

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Color

**XYZ(86.8627, 95.9956,
98.7449)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFF3
RGB	237, 255, 243
RGB Percent	93%, 100%, 95%
CMY	0.0706, 0.0000, 0.0471
CMYK	0.07, 0.00, 0.05, 0.00
HSL	140°, 100%, 96%
HSV	140°, 7%, 100%
XYZ	86.8627, 95.9956, 98.7449
YIQ	248.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

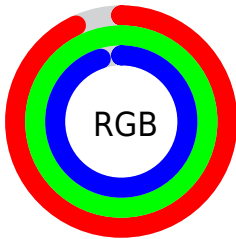
Format	Color
R_{YB}	237, 251, 255
Decimal	15597555
CIE Lab	98.43, -8.02, 3.70
CIE LCh	98, 8.833, 155.204
Yxy	95.9956, 0.3085, 0.3409
Android (android.graphics.Color)	4293787635 (0xFFEDFFF3)
YUV	248.2500, -2.5882, -9.8663
Hunter-Lab	97.9773, -13.2096, 8.8297

Details

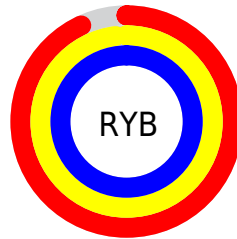
The XYZ color **86.8627, 95.9956, 98.7449** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.6235, 88.6688, 102.0661**, and the grayscale version is **89.4516, 94.1101, 102.4859**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2198, 53.7998, 54.8567** is the 20% darker color. If you saturate the color by 10%, you get **76.4958, 90.9342, 85.4740**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

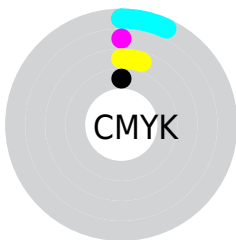
Distribution



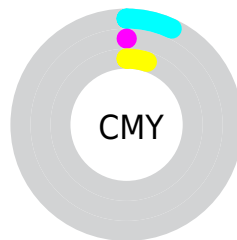
- Red (93%)
- Green (100%)
- Blue (95%)



- Red (93%)
- Yellow (98%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.8627, 95.9956, 98.7449 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 86.8627, 95.9956, 98.7449 by changing the saturation by 10% instead.


 86.8627, 95.9956,
98.7449

 86.8627, 95.9956,
98.7449

506.1629,
547.3474, 577.3734

 65.7092, 72.9639,
74.6417

141.8734,
155.6393, 161.4681

 48.3032, 53.9464,
54.8195


176.4613,
193.0202, 200.9253

 34.2793, 38.5588,
38.8596


216.2582,
235.9528, 246.3375

 23.2722, 26.4167,
26.3435

261.6292,
284.8217, 298.1233

 14.9164, 17.1356,
16.8527

312.9399,
340.0112, 356.7012

 8.8467, 10.3312,
9.9687

370.5555,

 4.6976, 5.6191,

401.9057, 422.4899

5.2729

434.8414,
470.8897, 495.9078

■ 2.1039, 2.6149,
2.3467

■ 0.6913, 0.9342,
0.7572

■ 86.8627, 95.9956,
98.7449

■ 86.8627, 95.9956,
98.7449

■ 76.4958, 90.9342,
85.4740

95.0500, 100.0000,
108.9000

■ 67.5192, 86.5630,
73.4740

■ 59.8727, 82.8514,
62.7086

■ 53.4904, 79.7664,
53.1380

■ 48.3008, 77.2720,
44.7205

■ 44.2247, 75.3282,
37.4117

■ 41.1729, 73.8901,
31.1643

■ 39.0417, 72.9051,
25.9274

■ 37.6999, 72.3068,
21.6452

Harmonies

Analogous

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



88.4440, 95.9956, 93.4659



86.8627, 95.9956, 98.7449



86.4456, 95.9956, 105.8016

Triad

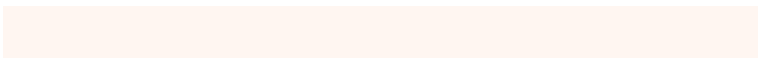
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.8627, 95.9956, 98.7449



91.6863, 95.9956, 119.1370



95.3054, 95.9956, 96.6364

Complementary

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



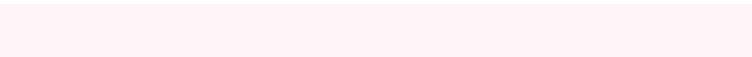
86.8627, 95.9956, 98.7449



88.6235, 88.6688, 102.0661

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.



96.2104, 95.9956, 103.2546



86.8627, 95.9956, 98.7449



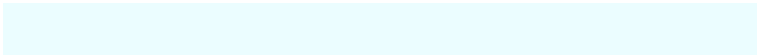
94.0963, 95.9956, 116.4192

Square

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



86.8627, 95.9956, 98.7449



89.2005, 95.9956, 117.7930



95.7639, 95.9956, 110.5220



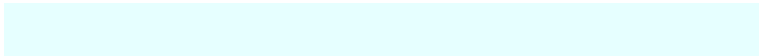
93.3123, 95.9956, 92.2889

Rectangle

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



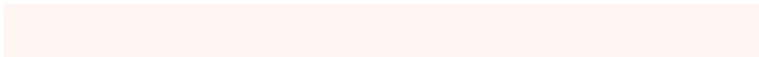
86.8627, 95.9956, 98.7449



86.8770, 95.9956, 110.6162



95.7639, 95.9956, 110.5220



95.7486, 95.9956, 98.6575

Sweetspot

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



86.8635, 95.9960, 98.7464



92.6559, 98.8285, 105.9560



90.1134, 97.7744, 94.2448



19.8573, 21.1656, 22.7099



0.0000, 0.0000, 0.0000



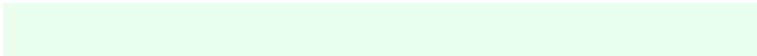
20.3446, 21.4041, 23.3091

Same Dimension

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



86.8635, 95.9960, 98.7464



85.8262, 95.4890, 97.4411



88.2563, 96.5531, 106.0807



18.0213, 20.2681, 20.4152



19.6039, 37.7382, 11.0655



1.9570, 3.6937, 1.3316

Inverse Universe

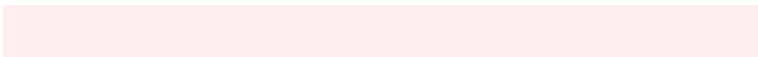
The Inverse Universe completely reimagines the original color for something new.



88.6235, 88.6688, 102.0661



87.8081, 87.2375, 101.1795



87.2530, 88.1207, 94.8494



18.5201, 18.1914, 21.3560



25.4117, 12.6540, 21.3501



2.5250, 1.2524, 2.3461

Previews

White Background



This preview shows how the XYZ color 86.8627, 95.9956, 98.7449 looks on a white background.

Color Contrast Check

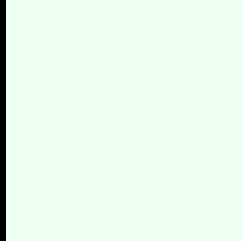
Large Text (above 18pt) WCAG AA × Fail

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 86.8627, 95.9956, 98.7449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

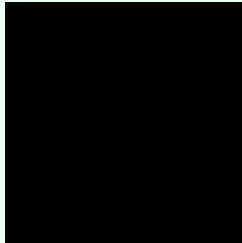
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

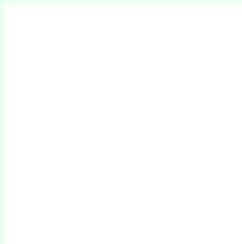
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.8627, 95.9956, 98.7449

Background



This preview shows how black text looks on a background with the XYZ color 86.8627, 95.9956, 98.7449.



This preview shows how white text looks on a background with the XYZ color 86.8627, 95.9956,

98.7449.

Color Blindness Simulation

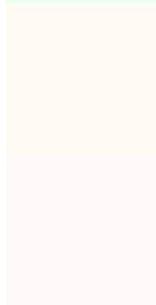
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.8627, 95.9956, 98.7449



Protanopia

91.6033, 96.1023, 98.5156

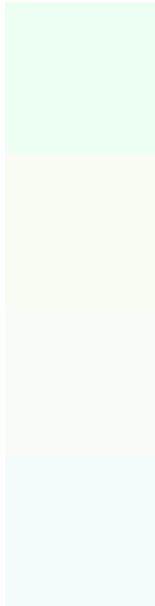
Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



Original Color

86.8627, 95.9956, 98.7449

Protanomaly

89.6995, 96.0483, 98.6055

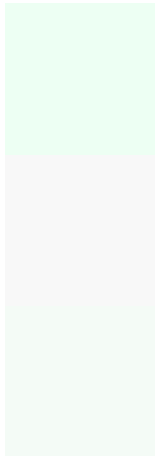
Deuteranomaly

89.9971, 95.6662, 101.7178

Tritanomaly

89.5312, 95.8189, 105.0429

Monochromacy



Original Color

86.8627, 95.9956, 98.7449

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.4400, 94.8813, 100.8414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.8627, 95.9956, 98.7449 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(237, 255, 243) looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 243)  
}
```

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(237, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 86.8627, 95.9956, 98.7449 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(237, 255, 243) }
```


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

```
.border{ border-color:rgb(237, 255, 243) }
```

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

Here you see how a box with a 4 pixel rgb(237, 255, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 86.8627, 95.9956, 98.7449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 243) }
```

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

```
.background{ background-color: rgb(237,  
255, 243) }
```

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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