

Converting Colors

XYZ(86.6621, 95.9214, 97.4165)

Have a look what the booklet for
XYZ(86.6621, 95.9214, 97.4165)
contains.

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Color

**XYZ(86.5622, 95.8754,
97.1626)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFF1
RGB	237, 255, 241
RGB Percent	93%, 100%, 95%
CMY	0.0706, 0.0000, 0.0549
CMYK	0.07, 0.00, 0.05, 0.00
HSL	133°, 100%, 96%
HSV	133°, 7%, 100%
XYZ	86.5622, 95.8754, 97.1626
YIQ	248.0220, -6.2340, -8.1700

Conversions

Conversions Part 2

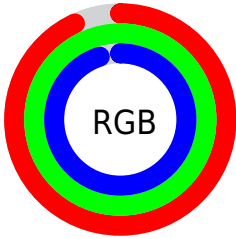
Format	Color
R_{YB}	237, 252, 255
Decimal	15597553
CIE Lab	98.38, -8.37, 4.66
CIE LCh	98, 9.584, 150.893
Yxy	95.8754, 0.3096, 0.3429
Android (android.graphics.Color)	4293787633 (0xFFE0FFFF)
YUV	248.0220, -3.4618, -9.6663
Hunter-Lab	97.9160, -13.5508, 9.7074

Details

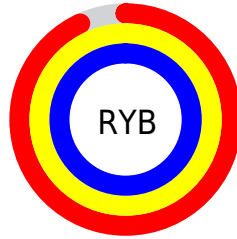
The XYZ color **86.5622, 95.8754, 97.1626** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.9371, 88.7942, 103.7180**, and the grayscale version is **89.2717, 93.9207, 102.2797**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0071, 53.7147, 53.7367** is the 20% darker color. If you saturate the color by 10%, you get **75.8416, 90.6726, 82.0294**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

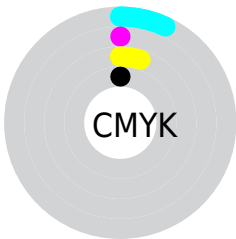
Distribution



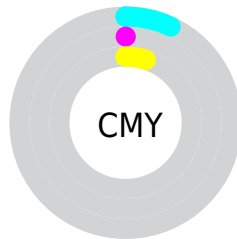
- Red (93%)
- Green (100%)
- Blue (95%)



- Red (93%)
- Yellow (99%)
- 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 86.5622, 95.8754, 97.1626 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 86.5622, 95.8754, 97.1626 by changing the saturation by 10% instead.


 86.5622, 95.8754,
97.1626

 86.5622, 95.8754,
97.1626


505.1893,
546.9637, 572.2256

 65.4598, 72.8638,
73.3294


141.4566,
155.4734, 159.2701

 48.1001, 53.8646,
53.7519


175.9792,
192.8287, 198.3816

 34.1177, 38.4934,
38.0115


215.7060,
235.7339, 243.4229

 23.1474, 26.3659,
25.6897

261.0023,
284.5735, 294.8125

 14.8237, 17.0975,
16.3680

312.2334,
339.7319, 352.9691

 8.7812, 10.3041,
9.6278

369.7647,

 4.6547, 5.6010,

401.5934, 418.3111

5.0505

433.9616,
470.5426, 491.2571

■ 2.0788, 2.6040,
2.2177

■ 0.6776, 0.9287,
0.6845

■ 86.5622, 95.8754,
97.1626

■ 86.5622, 95.8754,
97.1626

■ 75.8416, 90.6726,
82.0294

95.0500, 100.0000,
108.9000

■ 66.5924, 86.1922,
68.5936

■ 58.7501, 82.4023,
56.7970

■ 52.2444, 79.2680,
46.5768

■ 46.9991, 76.7513,
37.8658

■ 42.9296, 74.8102,
30.5922

■ 39.9412, 73.3974,
24.6781

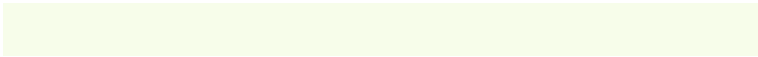
■ 37.9233, 72.4578,
20.0383

■ 36.7375, 71.9218,
16.5774

Harmonies

Analogous

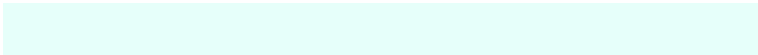
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4254, 95.8754, 91.8694



86.5622, 95.8754, 97.1626



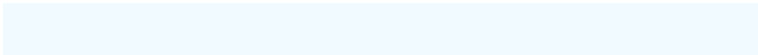
85.9160, 95.8754, 104.6294

Triad

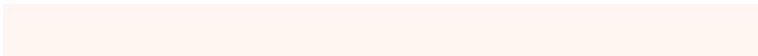
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5622, 95.8754, 97.1626



91.2096, 95.8754, 120.3603



95.7632, 95.8754, 96.7714

Complementary

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



86.5622, 95.8754, 97.1626



88.9371, 88.7942, 103.7180

Split Complementary

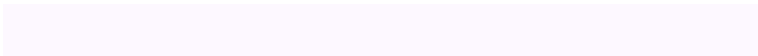
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.5440, 95.8754, 104.1549



86.5622, 95.8754, 97.1626



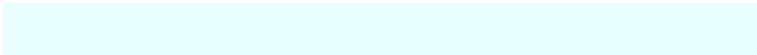
93.8824, 95.8754, 118.0038

Square

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



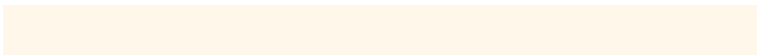
86.5622, 95.8754, 97.1626



88.5661, 95.8754, 118.2615



95.8489, 95.8754, 111.9714



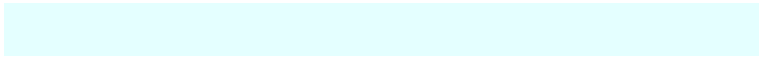
93.7361, 95.8754, 91.6517

Rectangle

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



86.5622, 95.8754, 97.1626



86.2517, 95.8754, 109.9141



95.8489, 95.8754, 111.9714



96.1820, 95.8754, 99.0581

Sweetspot

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



86.5630, 95.8758, 97.1641



92.5664, 98.7927, 105.4846



90.8661, 98.1624, 94.2800



19.8390, 21.1583, 22.6139



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.



86.5630, 95.8758, 97.1641



85.4888, 95.3541, 95.6647



87.9253, 96.4207, 104.3375



17.9368, 20.2343, 19.9704



19.1124, 37.5416, 8.4774



1.8997, 3.6708, 1.0299

Inverse Universe

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



88.9371, 88.7942, 103.7180



88.1624, 87.3793, 103.0452



87.5668, 88.2461, 96.5019



18.6097, 18.2272, 21.8278



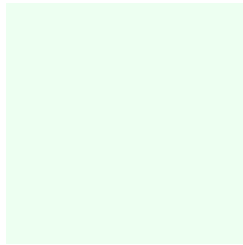
26.9530, 13.2705, 29.4669



2.6648, 1.3083, 3.0825

Previews

White Background



This preview shows how the XYZ color 86.5622, 95.8754, 97.1626 looks on a white background.

Color Contrast Check

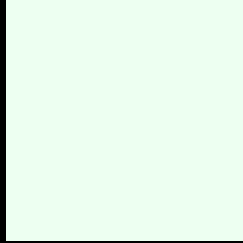
Large Text (above 18pt) WCAG AA × Fail

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 86.5622, 95.8754, 97.1626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

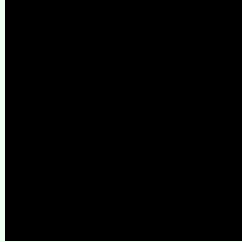
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

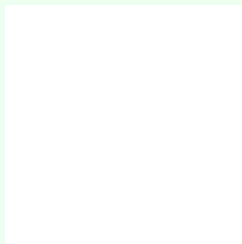
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.5622, 95.8754, 97.1626

Background



This preview shows how black text looks on a background with the XYZ color 86.5622, 95.8754, 97.1626.



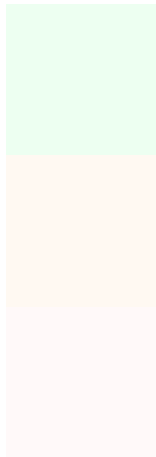
This preview shows how white text looks on a background with the XYZ color 86.5622, 95.8754,

97.126.

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

86.5622, 95.8754, 97.1626

Protanopia

91.1427, 95.4222, 97.6190

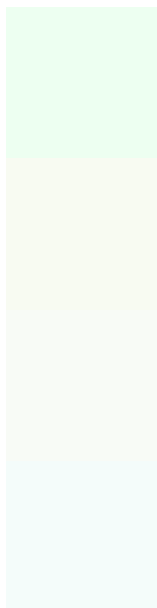
Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



Original Color

86.5622, 95.8754, 97.1626

Protanomaly

89.2356, 95.3616, 97.7078

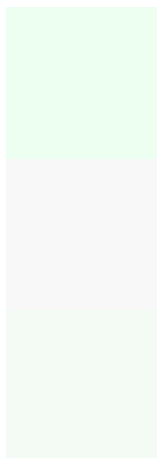
Deuteranomaly

89.8431, 95.6046, 100.9071

Tritanomaly

89.3739, 95.7560, 104.2147

Monochromacy



Original Color

86.5622, 95.8754, 97.1626

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.2868, 94.8200, 100.0351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5622, 95.8754, 97.1626 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 86.5622, 95.8754, 97.1626 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, 241) }
```


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

```
.border{ border-color:rgb(237, 255, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5622, 95.8754, 97.1626 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, 241) }
```

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

```
.background{ background-color: rgb(237,  
255, 241) }
```

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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