

Converting Colors

XYZ(86.0603, 95.4348,
105.3545)

Have a look what the booklet for
XYZ(86.0603, 95.4348, 105.3545)
contains.

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Color

**XYZ(86.1276, 95.4740,
105.1557)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFFB
RGB	231, 255, 251
RGB Percent	91%, 100%, 98%
CMY	0.0941, 0.0000, 0.0157
CMYK	0.09, 0.00, 0.02, 0.00
HSL	170°, 100%, 95%
HSV	170°, 9%, 100%
XYZ	86.1276, 95.4740, 105.1557
YIQ	247.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

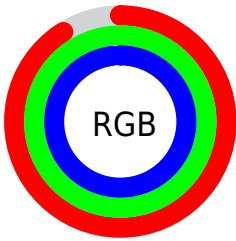
Format	Color
R _{YB}	231, 244, 255
Decimal	15204347
CIE Lab	98.22, -8.50, -0.76
CIE LCh	98, 8.530, 185.080
Yxy	95.4740, 0.3004, 0.3329
Android (android.graphics.Color)	4293394427 (0xFFE7FFFB)
YUV	247.3680, 1.7906, -14.3547
Hunter-Lab	97.7108, -13.6543, 4.5901

Details

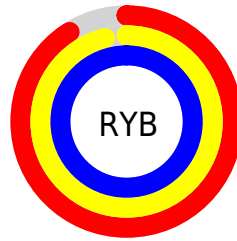
The XYZ color **86.1276, 95.4740, 105.1557** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8119, 84.4111, 90.4203**, and the grayscale version is **88.7006, 93.3199, 101.6254**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7236, 53.4423, 59.4298** is the 20% darker color. If you saturate the color by 10%, you get **77.8260, 91.2708, 101.3114**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

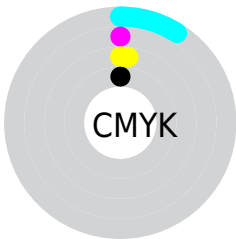
Distribution



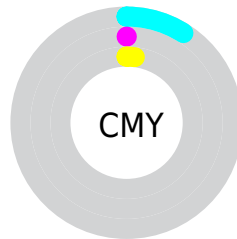
- Red (91%)
- Green (100%)
- Blue (98%)



- Red (91%)
- Yellow (96%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.1276, 95.4740, 105.1557 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 86.1276, 95.4740, 105.1557 by changing the saturation by 10% instead.


 86.1276, 95.4740,
105.1557

 86.1276, 95.4740,
105.1557


503.7795,
545.6813, 597.9861

 65.0991, 72.5296,
79.9724

140.8534,
154.9193, 170.3379

 47.8065, 53.5914,
59.1696


175.2815,
192.1889, 211.1738

 33.8843, 38.2751,
42.3288


214.9068,
235.0024, 258.0645

 22.9672, 26.1962,
29.0313

260.0948,
283.7441, 311.4283

 14.6898, 16.9705,
18.8587

311.2106,
338.7985, 371.6838

 8.6869, 10.2135,
11.3925

368.6198,

 4.5930, 5.5407,

400.5499, 439.2496

6.2140

432.6876,
469.3827, 514.5442

■ 2.0428, 2.5679,
2.9047

■ 0.6578, 0.9105,
1.0462

■ 86.1276, 95.4740,
105.1557

■ 86.1276, 95.4740,
105.1557

■ 77.8260, 91.2708,
101.3114

95.0500, 100.0000,
108.9000

■ 70.6858, 87.6647,
97.5980

■ 64.6525, 84.6275,
94.0138

■ 59.6660, 82.1283,
90.5555

■ 55.6604, 80.1330,
87.2196

■ 52.5625, 78.6040,
84.0020

■ 50.2883, 77.4979,
80.8983

■ 48.7383, 76.7635,
77.9034

■ 47.7593, 76.3219,
75.0094

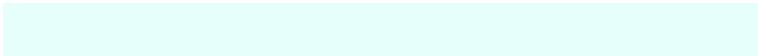
Harmonies

Analogous

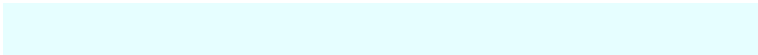
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5345, 95.4740, 98.3665



86.1276, 95.4740, 105.1557



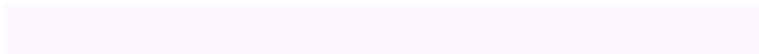
86.9397, 95.4740, 111.9133

Triad

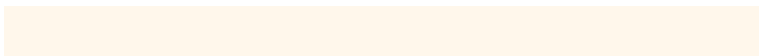
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1276, 95.4740, 105.1557



93.4831, 95.4740, 115.4059



92.7471, 95.4740, 92.1792

Complementary

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



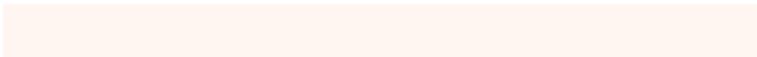
86.1276, 95.4740, 105.1557



84.8119, 84.4111, 90.4203

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.



94.6601, 95.4740, 96.3831



86.1276, 95.4740, 105.1557



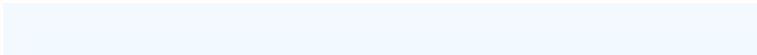
95.0903, 95.4740, 109.7512

Square

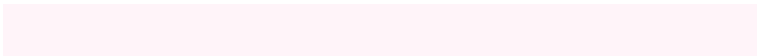
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.1276, 95.4740, 105.1557



91.1635, 95.4740, 117.9991



95.5249, 95.4740, 102.7634



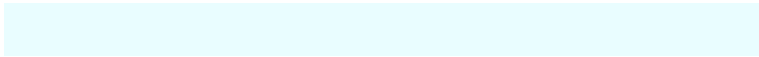
90.3282, 95.4740, 91.0719

Rectangle

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



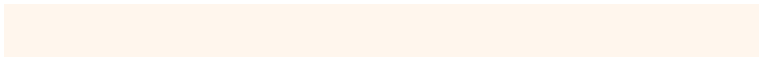
86.1276, 95.4740, 105.1557



88.0719, 95.4740, 115.4292



95.5249, 95.4740, 102.7634



93.4720, 95.4740, 93.2675

Sweetspot

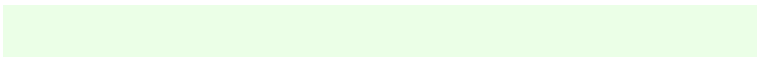
The Sweet Spot groups the original color and five complimentary colors.



86.1285, 95.4744, 105.1572



92.0868, 98.4960, 107.6937



84.4456, 94.9521, 89.4796



19.5449, 20.9983, 22.9823



0.0000, 0.0000, 0.0000



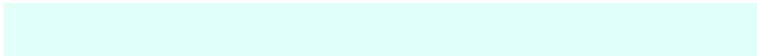
20.3446, 21.4041, 23.3091

Same Dimension

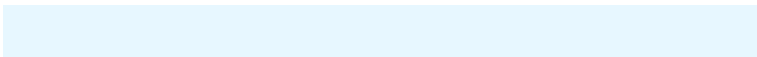
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1285, 95.4744, 105.1572



84.7294, 94.7654, 104.5371



84.2666, 90.7312, 107.6793



18.4172, 20.4264, 22.5001



24.9770, 39.8874, 39.3597



2.4649, 3.8969, 4.0060

Inverse Universe

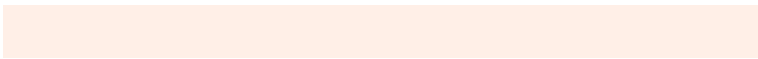
The Inverse Universe completely reimagines the original color for something new.



84.8119, 84.4111, 90.4203



83.2074, 81.9756, 87.5011



86.5310, 88.7634, 88.1752



18.1328, 18.0364, 19.3166



21.8076, 11.2124, 2.3716



2.1564, 1.1049, 0.4048

Previews

White Background



This preview shows how the XYZ color 86.1276, 95.4740, 105.1557 looks on a white background.

Color Contrast Check

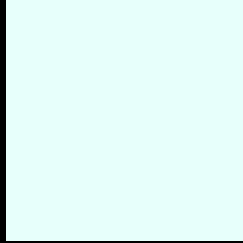
Large Text (above 18pt) WCAG AA × Fail

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 86.1276, 95.4740, 105.1557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

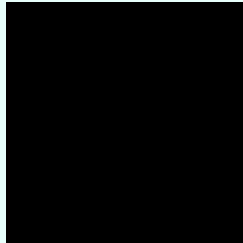
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.1276, 95.4740, 105.1557

Background



This preview shows how black text looks on a background with the XYZ color 86.1276, 95.4740, 105.1557.



This preview shows how white text looks on a background with the XYZ color 86.1276, 95.4740,

Color Blindness Simulation

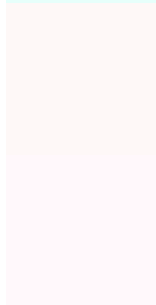
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.1276, 95.4740, 105.1557



Protanopia

91.2290, 94.9210, 101.5090

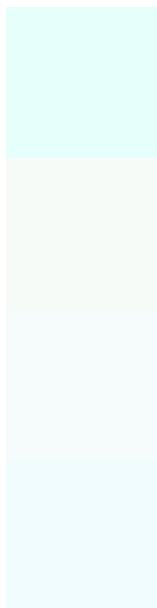
Deuteranopia

92.2200, 95.3598, 104.8126

Tritanopia

90.2416, 95.1840, 108.2239

Trichromacy



Original Color

86.1276, 95.4740, 105.1557

Protanomaly

89.4465, 95.3645, 102.4998

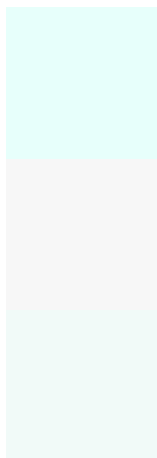
Deuteranomaly

89.9158, 95.5522, 104.9711

Tritanomaly

88.9754, 95.4773, 107.5054

Monochromacy



Original Color

86.1276, 95.4740, 105.1557

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.4045, 93.8493, 102.3150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.1276, 95.4740, 105.1557 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(231, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 251)  
}
```

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(231, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 86.1276, 95.4740, 105.1557 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(231, 255, 251) }
```


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

```
.border{ border-color:rgb(231, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1276, 95.4740, 105.1557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 251) }
```

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

```
.background{ background-color: rgb(231,  
255, 251) }
```

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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