

Converting Colors

XYZ(89.0747, 100.6643,
105.6997)

Have a look what the booklet for
XYZ(89.0747, 100.6643, 105.6997)
contains.

XYZ(86.7769, 95.8087, 105.1861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.7769, 95.8087,
105.1861)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FFFB
RGB	233, 255, 251
RGB Percent	91%, 100%, 98%
CMY	0.0863, 0.0000, 0.0157
CMYK	0.09, 0.00, 0.02, 0.00
HSL	169°, 100%, 96%
HSV	169°, 9%, 100%
XYZ	86.7769, 95.8087, 105.1861
YIQ	247.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

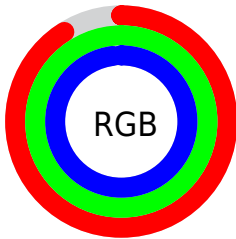
Format	Color
R _Y B	233, 245, 255
Decimal	15335419
CIE Lab	98.36, -7.86, -0.54
CIE LCh	98, 7.877, 183.964
Yxy	95.8087, 0.3015, 0.3329
Android (android.graphics.Color)	4293525499 (0xFFE9FFFB)
YUV	247.9660, 1.4958, -13.1252
Hunter-Lab	97.8819, -13.0448, 4.8030

Details

The XYZ color **86.7769, 95.8087, 105.1861** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6656, 85.6534, 92.1387**, and the grayscale version is **89.1901, 93.8349, 102.1862**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1759, 53.6754, 59.4510** is the 20% darker color. If you saturate the color by 10%, you get **78.3236, 91.5342, 101.0243**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

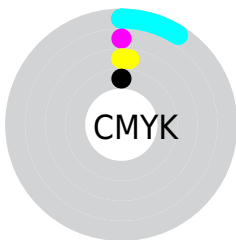
Distribution



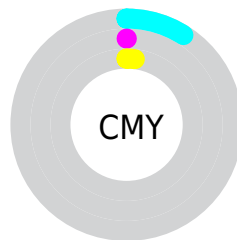
- Red (91%)
- Green (100%)
- Blue (98%)



- 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 86.7769, 95.8087, 105.1861 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 86.7769, 95.8087, 105.1861 by changing the saturation by 10% instead.

 86.7769, 95.8087,
105.1861

 86.7769, 95.8087,
105.1861


505.8850,
546.7507, 598.0830

 65.6380, 72.8082,
79.9977


141.7544,
155.3814, 170.3798

 48.2452, 53.8192,
59.1903


176.3237,
192.7224, 211.2222

 34.2332, 38.4571,
42.3453


216.1006,
235.6124, 258.1198

 23.2365, 26.3377,
29.0442

261.4503,
284.4357, 311.4910

 14.8899, 17.0764,
18.8684

312.7382,
339.5768, 371.7543

 8.8280, 10.2890,
11.3994

370.3298,

 4.6854, 5.5910,

401.4201, 439.3284

6.2186

434.5902,
470.3499, 514.6318

■ 2.0967, 2.5980,
2.9075

■ 0.6874, 0.9257,
1.0476

■ 86.7769, 95.8087,
105.1861

■ 86.7769, 95.8087,
105.1861

■ 78.3236, 91.5342,
101.0243

95.0500, 100.0000,
108.9000

■ 71.0387, 87.8601,
97.0084

■ 64.8680, 84.7583,
93.1367

■ 59.7518, 82.1980,
89.4058

■ 55.6246, 80.1457,
85.8118

■ 52.4138, 78.5637,
82.3508

■ 50.0366, 77.4095,
79.0181

■ 48.3947, 76.6324,
75.8085

■ 47.3483, 76.1604,
72.7146

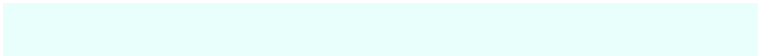
Harmonies

Analogous

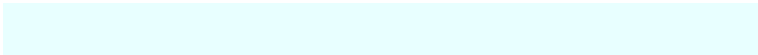
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1965, 95.8087, 98.9267



86.7769, 95.8087, 105.1861



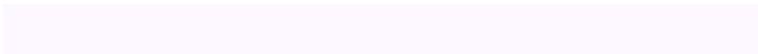
87.4900, 95.8087, 111.4619

Triad

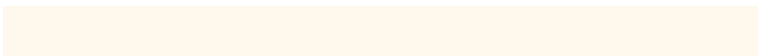
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.7769, 95.8087, 105.1861



93.5242, 95.8087, 115.0372



92.9931, 95.8087, 93.4831

Complementary

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



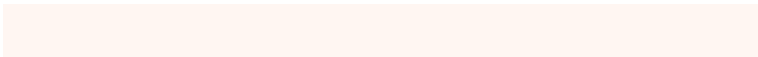
86.7769, 95.8087, 105.1861



85.6656, 85.6534, 92.1387

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.



94.7325, 95.8087, 97.4888



86.7769, 95.8087, 105.1861



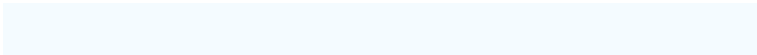
95.0427, 95.8087, 109.9045

Square

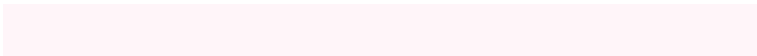
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.7769, 95.8087, 105.1861



91.3654, 95.8087, 117.2969



95.4886, 95.8087, 103.4574



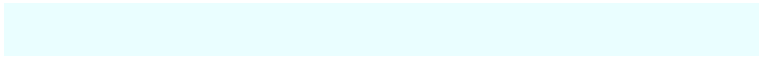
90.7618, 95.8087, 92.3362

Rectangle

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



86.7769, 95.8087, 105.1861



88.5189, 95.8087, 114.7606



95.4886, 95.8087, 103.4574



93.6560, 95.8087, 94.5315

Sweetspot

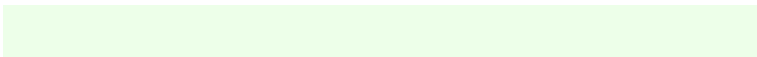
The Sweet Spot groups the original color and five complimentary colors.



86.7778, 95.8091, 105.1876



92.0682, 98.4886, 107.5962



85.4050, 95.4139, 91.0077



19.5399, 20.9963, 22.9559



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

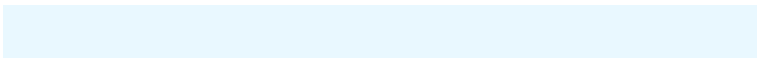
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7778, 95.8091, 105.1876



85.5456, 95.1855, 104.6070



85.2328, 91.6997, 107.8153



18.4049, 20.4215, 22.4350



24.7277, 39.7877, 38.0469



2.4428, 3.8881, 3.8898

Inverse Universe

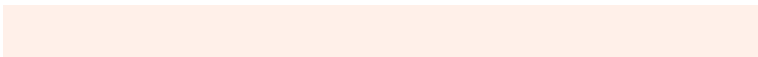
The Inverse Universe completely reimagines the original color for something new.



85.6656, 85.6534, 92.1387



84.2685, 83.5240, 89.6237



87.0990, 89.4447, 89.7663



18.1442, 18.0410, 19.3763



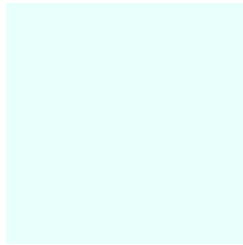
21.8486, 11.2287, 2.5873



2.1620, 1.1072, 0.4345

Previews

White Background



This preview shows how the XYZ color 86.7769, 95.8087, 105.1861 looks on a white background.

Color Contrast Check

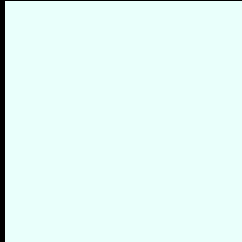
Large Text (above 18pt) WCAG AA × Fail

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 86.7769, 95.8087, 105.1861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

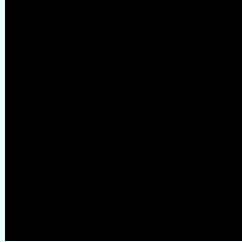
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.7769, 95.8087, 105.1861

Background



This preview shows how black text looks on a background with the XYZ color 86.7769, 95.8087, 105.1861.



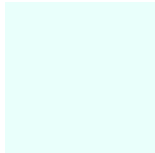
This preview shows how white text looks on a background with the XYZ color 86.7769, 95.8087,

105.1861.

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

86.7769, 95.8087, 105.1861

Protanopia

91.9042, 95.7268, 101.6289

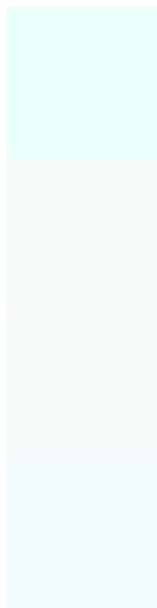
Deuteranopia

92.2200, 95.3598, 104.8126

Tritanopia

90.5934, 95.3654, 108.2403

Trichromacy



Original Color

86.7769, 95.8087, 105.1861

Protanomaly

89.7982, 95.5458, 102.5163

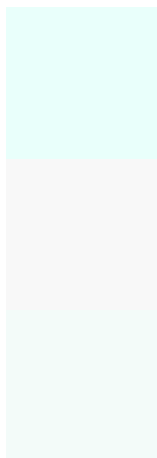
Deuteranomaly

90.2675, 95.7336, 104.9876

Tritanomaly

89.3177, 95.6538, 107.5214

Monochromacy



Original Color

86.7769, 95.8087, 105.1861

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.5582, 94.8886, 103.2703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7769, 95.8087, 105.1861 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, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 86.7769, 95.8087, 105.1861 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, 255, 251) }
```


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

```
.border{ border-color:rgb(233, 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(233, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7769, 95.8087, 105.1861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 251) }
```

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

```
.background{ background-color: rgb(233,  
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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