

Converting Colors

XYZ(87.6037, 96.8096,
104.1075)

Have a look what the booklet for
XYZ(87.6037, 96.8096, 104.1075)
contains.

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Color

**XYZ(87.2763, 96.0843,
104.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFFFA
RGB	235, 255, 250
RGB Percent	92%, 100%, 98%
CMY	0.0784, 0.0000, 0.0196
CMYK	0.08, 0.00, 0.02, 0.00
HSL	165°, 100%, 96%
HSV	165°, 8%, 100%
XYZ	87.2763, 96.0843, 104.3887
YIQ	248.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

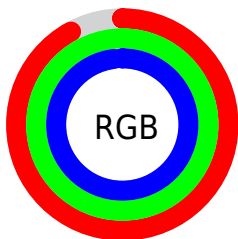
Format	Color
R _Y B	235, 246, 255
Decimal	15466490
CIE Lab	98.47, -7.40, 0.15
CIE LCh	98, 7.403, 178.876
Yxy	96.0843, 0.3033, 0.3339
Android (android.graphics.Color)	4293656570 (0xFFEBFFFA)
YUV	248.4500, 0.7642, -11.7956
Hunter-Lab	98.0226, -12.6087, 5.4752

Details

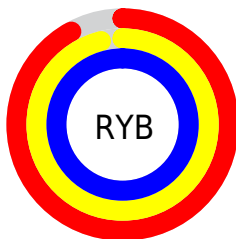
The XYZ color **87.2763, 96.0843, 104.3887** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.6771, 86.9691, 94.6565**, and the grayscale version is **89.5909, 94.2566, 102.6455**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5221, 53.8669, 58.8789** is the 20% darker color. If you saturate the color by 10%, you get **78.4695, 91.6578, 98.8485**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

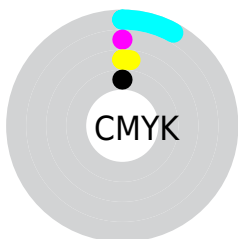
Distribution



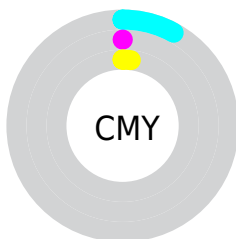
- Red (92%)
- Green (100%)
- Blue (98%)



- Red (92%)
- Yellow (96%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2763, 96.0843, 104.3887 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 87.2763, 96.0843, 104.3887 by changing the saturation by 10% instead.

87.2763, 96.0843,
104.3887

87.2763, 96.0843,
104.3887

507.5013,
547.6304, 595.5399

66.0527, 73.0378,
79.3335

142.4469,
155.7618, 169.2796

48.5830, 54.0068,
58.6471

177.1246,
193.1615, 209.9524

34.5020, 38.6071,
41.9110

217.0176,
236.1144, 256.6681

23.4442, 26.4542,
28.7065

262.4914,
285.0048, 309.8453

15.0444, 17.1638,
18.6153

313.9113,
340.2173, 369.9026

8.9370, 10.3513,
11.2186

371.6427,

4.7569, 5.6325,

402.1361, 437.2584

6.0981

436.0509,
471.1457, 512.3313

■ 2.1386, 2.6229,
2.8350

■ 0.7101, 0.9382,
1.0110

■ 87.2763, 96.0843,
104.3887

■ 87.2763, 96.0843,
104.3887

■ 78.4695, 91.6578,
98.8485

95.0500, 100.0000,
108.9000

■ 70.8510, 87.8400,
93.5370

■ 64.3667, 84.6030,
88.4515

■ 58.9569, 81.9162,
83.5874

■ 54.5566, 79.7461,
78.9398

■ 51.0935, 78.0554,
74.5035

■ 48.4856, 76.8019,
70.2729

■ 46.6358, 75.9356,
66.2415

■ 45.4147, 75.3898,
62.4013

Harmonies

Analogous

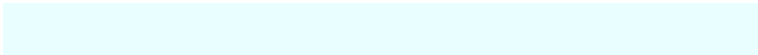
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8510, 96.0843, 98.6509



87.2763, 96.0843, 104.3887



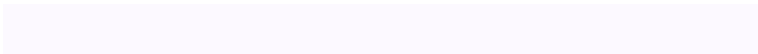
87.7724, 96.0843, 110.4089

Triad

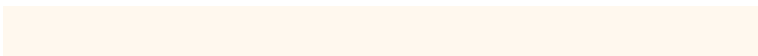
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2763, 96.0843, 104.3887



93.3250, 96.0843, 115.2718



93.4668, 96.0843, 94.8606

Complementary

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



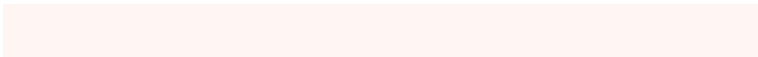
87.2763, 96.0843, 104.3887



86.6771, 86.9691, 94.6565

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.



94.9727, 96.0843, 99.0361



87.2763, 96.0843, 104.3887



94.8900, 96.0843, 110.8240

Square

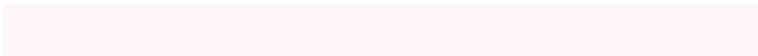
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2763, 96.0843, 104.3887



91.2446, 96.0843, 116.8381



95.4975, 96.0843, 104.8506



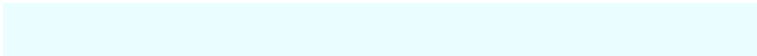
91.4059, 96.0843, 93.2839

Rectangle

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



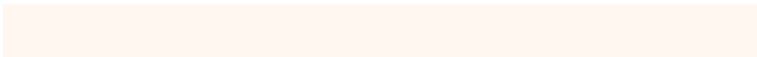
87.2763, 96.0843, 104.3887



88.6480, 96.0843, 113.7416



95.4975, 96.0843, 104.8506



94.0558, 96.0843, 95.9986

Sweetspot

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



87.2772, 96.0848, 104.3902



92.9939, 98.9637, 107.7361



86.6914, 96.0438, 92.5680



19.9261, 21.1932, 23.0723



0.0000, 0.0000, 0.0000



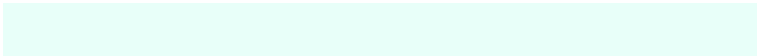
20.3446, 21.4041, 23.3091

Same Dimension

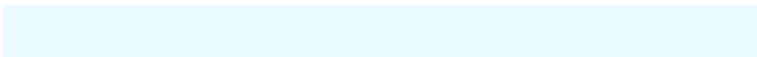
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2772, 96.0848, 104.3902



86.1951, 95.5402, 103.7368



86.4974, 93.2540, 108.0487



18.3495, 20.3993, 22.1432



23.6775, 39.3676, 32.5167



2.3491, 3.8505, 3.3959

Inverse Universe

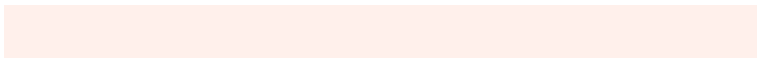
The Inverse Universe completely reimagines the original color for something new.



86.6771, 86.9691, 94.6565



85.5119, 85.1619, 92.6551



87.3962, 89.5793, 91.2830



18.1956, 18.0615, 19.6470



22.0782, 11.3206, 3.7961



2.1912, 1.1188, 0.5881

Previews

White Background



This preview shows how the XYZ color 87.2763, 96.0843, 104.3887 looks on a white background.

Color Contrast Check

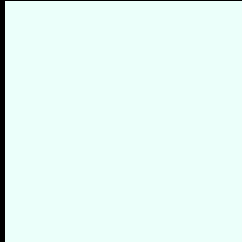
Large Text (above 18pt) WCAG AA × Fail

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 87.2763, 96.0843, 104.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

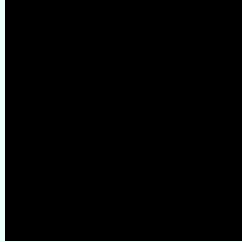
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.2763, 96.0843, 104.3887

Background



This preview shows how black text looks on a background with the XYZ color 87.2763, 96.0843, 104.3887.



This preview shows how white text looks on a background with the XYZ color 87.2763, 96.0843,

104.3887.

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

87.2763, 96.0843, 104.3887

Protanopia

91.9042, 95.7268, 101.6289

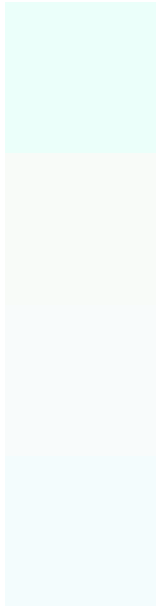
Deuteranopia

92.5283, 95.9764, 104.9153

Tritanopia

91.2586, 96.1708, 108.3607

Trichromacy



Original Color

87.2763, 96.0843, 104.3887

Protanomaly

90.1519, 95.7281, 102.5328

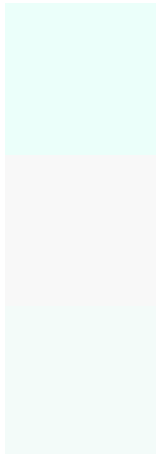
Deuteranomaly

90.6212, 95.9159, 105.0042

Tritanomaly

89.5022, 95.7673, 106.6962

Monochromacy



Original Color

87.2763, 96.0843, 104.3887

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 87.2763, 96.0843, 104.3887 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(235, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 250)  
}
```

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(235, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 87.2763, 96.0843, 104.3887 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(235, 255, 250) }
```


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

```
.border{ border-color:rgb(235, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2763, 96.0843, 104.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 250) }
```

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

```
.background{ background-color: rgb(235,  
255, 250) }
```

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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