

Converting Colors

XYZ(89.9551, 100.0000,
96.7810)

Have a look what the booklet for
XYZ(89.9551, 100.0000, 96.7810)
contains.

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Color

**XYZ(88.4503, 96.8660,
96.4732)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FFF0
RGB	243, 255, 240
RGB Percent	95%, 100%, 94%
CMY	0.0471, 0.0000, 0.0588
CMYK	0.05, 0.00, 0.06, 0.00
HSL	108°, 100%, 97%
HSV	108°, 6%, 100%
XYZ	88.4503, 96.8660, 96.4732
YIQ	249.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

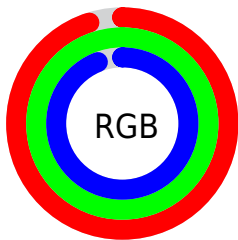
Format	Color
R_{YB}	240, 255, 252
Decimal	15990768
CIE _{Lab}	98.78, -6.57, 5.80
CIE _{LCh}	99, 8.758, 138.573
Yxy	96.8660, 0.3139, 0.3438
Android (android.graphics.Color)	4294180848 (0xFFFF3FFF0)
YUV	249.7020, -4.7831, -5.8777
Hunter-Lab	98.4205, -11.8184, 10.7775

Details

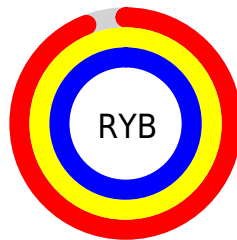
The XYZ color 88.4503, 96.8660, 96.4732 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.3557, 90.2368, 107.3156, and the grayscale version is 90.6594, 95.3808, 103.8697.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3393, 54.4137, 53.2498 is the 20% darker color. If you saturate the color by 10%, you get 78.2705, 92.0254, 77.5922, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

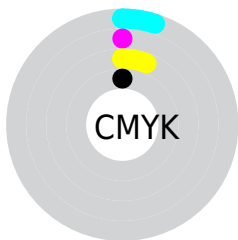
Distribution



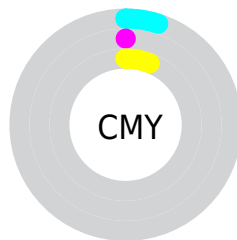
- Red (95%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (99%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.4503, 96.8660, 96.4732 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 88.4503, 96.8660, 96.4732 by changing the saturation by 10% instead.


 88.4503, 96.8660,
96.4732

 88.4503, 96.8660,
96.4732


511.2901,
550.1217, 569.9750

 67.0281, 73.6890,
72.7581


144.0732,
156.8401, 158.3114

 49.3782, 54.5396,
53.2876


179.0047,
194.4059, 197.2715

 35.1354, 39.0332,
37.6431


219.1699,
237.5369, 242.1504

 23.9342, 26.7855,
25.4061

264.9342,
286.6173, 293.3665

 15.4093, 17.4122,
16.1581

316.6631,
342.0316, 351.3386

 9.1953, 10.5288,
9.4805

374.7217,

 4.9269, 5.7510,

404.1642, 416.4849

4.9549

439.4756,
473.3994, 489.2242

■ 2.2388, 2.6943,
2.1625

■ 0.7631, 0.9743,
0.6526

■ 88.4503, 96.8660,
96.4732

■ 88.4503, 96.8660,
96.4732

■ 78.2705, 92.0254,
77.5922

95.0500, 100.0000,
108.9000

■ 69.3571, 87.7788,
61.4326

■ 61.6604, 84.1032,
47.8702

■ 55.1265, 80.9738,
36.7695

■ 49.6973, 78.3639,
27.9825

■ 45.3097, 76.2443,
21.3458

■ 41.8936, 74.5831,
16.6740

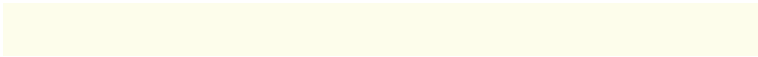
■ 39.3699, 73.3442,
13.7510

■ 37.6450, 72.4851,
12.3086

Harmonies

Analogous

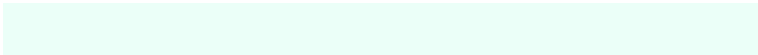
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5195, 96.8660, 92.7449



88.4503, 96.8660, 96.4732



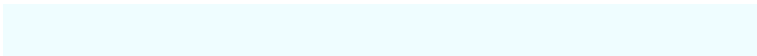
87.3580, 96.8660, 102.7203

Triad

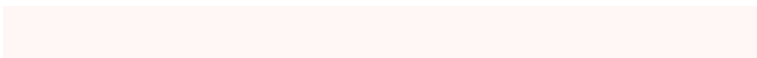
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4503, 96.8660, 96.4732



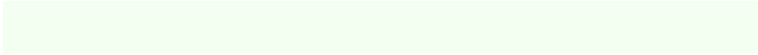
91.1028, 96.8660, 119.8012



96.7816, 96.8660, 101.0728

Complementary

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



88.4503, 96.8660, 96.4732



89.3557, 90.2368, 107.3156

Split Complementary

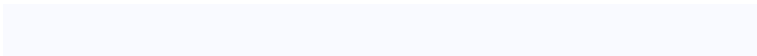
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.9448, 96.8660, 108.2696



88.4503, 96.8660, 96.4732



93.6345, 96.8660, 119.3101

Square

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



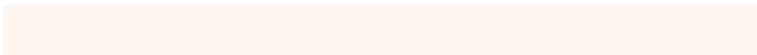
88.4503, 96.8660, 96.4732



88.8705, 96.8660, 116.3232



95.7835, 96.8660, 115.0107



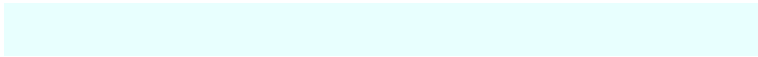
95.3417, 96.8660, 95.3150

Rectangle

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



88.4503, 96.8660, 96.4732



87.3172, 96.8660, 107.5719



95.7835, 96.8660, 115.0107



96.9886, 96.8660, 103.3968

Sweetspot

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



88.4511, 96.8663, 96.4747



92.7545, 98.9102, 104.5632



91.7790, 97.1724, 96.3584



19.8774, 21.1823, 22.4262



0.0000, 0.0000, 0.0000



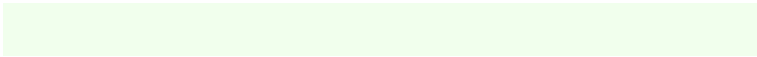
20.3446, 21.4041, 23.3091

Same Dimension

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



88.4511, 96.8663, 96.4747



87.2481, 96.2947, 94.2240



88.1012, 96.6077, 99.9913



18.5372, 20.5457, 19.9110



19.4939, 37.7876, 6.2663



1.9816, 3.7223, 0.6140

Inverse Universe

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



89.3557, 90.2368, 107.3156



88.3164, 88.4645, 107.0283



89.7346, 90.5148, 103.5961



18.7845, 18.7327, 22.8757



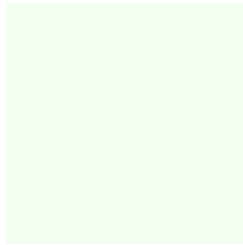
22.5685, 10.5450, 50.2805



2.2836, 1.0711, 4.8997

Previews

White Background



This preview shows how the XYZ color 88.4503, 96.8660, 96.4732 looks on a white background.

Color Contrast Check

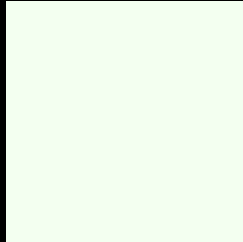
Large Text (above 18pt) WCAG AA × Fail

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 88.4503, 96.8660, 96.4732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

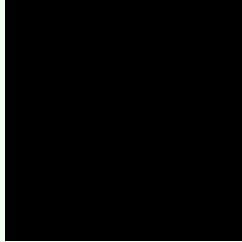
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

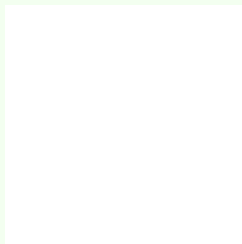
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.4503, 96.8660, 96.4732

Background



This preview shows how black text looks on a background with the XYZ color 88.4503, 96.8660, 96.4732.



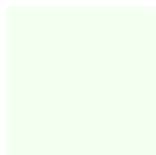
This preview shows how white text looks on a background with the XYZ color 88.4503, 96.8660,

96.4 32.

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

88.4503, 96.8660, 96.4732



Protanopia

92.2186, 96.8469, 100.2191

Deuteranopia

92.6809, 96.5333, 104.1905

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

88.4503, 96.8660, 96.4732

Protanomaly

90.7717, 96.6011, 98.6557

Deuteranomaly

91.2286, 96.7839, 101.0617

Tritanomaly

90.7771, 96.4794, 104.2804

Monochromacy



Original Color

88.4503, 96.8660, 96.4732

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

89.8027, 96.0488, 100.9949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4503, 96.8660, 96.4732 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(243, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 240)  
}
```

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(243, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 88.4503, 96.8660, 96.4732 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(243, 255, 240) }
```


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

```
.border{ border-color:rgb(243, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4503, 96.8660, 96.4732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 240) }
```

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

```
.background{ background-color: rgb(243,  
255, 240) }
```

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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