

Converting Colors

XYZ(88.6714, 96.8218,
103.5271)

Have a look what the booklet for
XYZ(88.6714, 96.8218, 103.5271)
contains.

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Color

**XYZ(88.7941, 96.8848,
103.6432)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFF9
RGB	240, 255, 249
RGB Percent	94%, 100%, 98%
CMY	0.0588, 0.0000, 0.0235
CMYK	0.06, 0.00, 0.02, 0.00
HSL	156°, 100%, 97%
HSV	156°, 6%, 100%
XYZ	88.7941, 96.8848, 103.6432
YIQ	249.8310, -7.0140, -5.0460

Conversions

Conversions Part 2

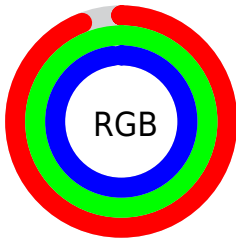
Format	Color
R_{YB}	240, 249, 255
Decimal	15794169
CIE _{Lab}	98.78, -5.97, 1.16
CIE _{LCh}	99, 6.079, 168.978
Yxy	96.8848, 0.3069, 0.3349
Android (android.graphics.Color)	4293984249 (0xFFFF0FFF9)
YUV	249.8310, -0.4097, -8.6218
Hunter-Lab	98.4301, -11.2272, 6.4709

Details

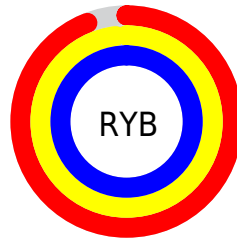
The XYZ color 88.7941, 96.8848, 103.6432 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.0353, 90.2352, 99.9134, and the grayscale version is 90.7338, 95.4590, 103.9549.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5869, 54.4288, 58.3444 is the 20% darker color. If you saturate the color by 10%, you get 79.1893, 92.1122, 95.1149, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

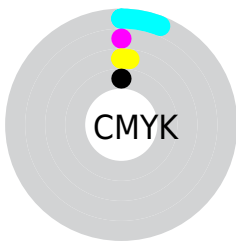
Distribution



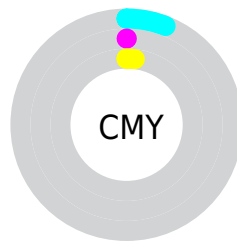
- Red (94%)
- Green (100%)
- Blue (98%)



- Red (94%)
- Yellow (98%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.7941, 96.8848, 103.6432 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 88.7941, 96.8848, 103.6432 by changing the saturation by 10% instead.


 88.7941, 96.8848,
103.6432

 88.7941, 96.8848,
103.6432


512.3968,
550.1815, 593.1572

 67.3139, 73.7047,
78.7128


144.5491,
156.8660, 168.2502

 49.6114, 54.5524,
58.1398


179.5546,
194.4358, 208.7639

 35.3213, 39.0434,
41.5056


219.7992,
237.5710, 255.3092

 24.0781, 26.7935,
28.3917

265.6483,
286.6560, 308.3045

 15.5166, 17.4182,
18.3795

317.4673,
342.0752, 368.1684

 9.2714, 10.5331,
11.0506

375.6214,

 4.9772, 5.7538,

404.2129, 435.3195

5.9862

440.4762,
473.4535, 510.1762

■ 2.2685, 2.6960,
2.7681

■ 0.7785, 0.9752,
0.9775

■ 88.7941, 96.8848,
103.6432

■ 88.7941, 96.8848,
103.6432

■ 79.1893, 92.1122,
95.1149

95.0500, 100.0000,
108.9000

■ 70.8345, 87.9742,
87.0874

■ 63.6755, 84.4429,
79.5522

■ 57.6524, 81.4878,
72.4992

■ 52.7004, 79.0755,
65.9177

■ 48.7475, 77.1691,
59.7965

■ 45.7126, 75.7270,
54.1238

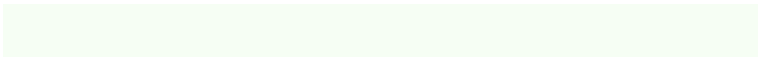
■ 43.5011, 74.7005,
48.8867

■ 41.9959, 74.0295,
44.0712

Harmonies

Analogous

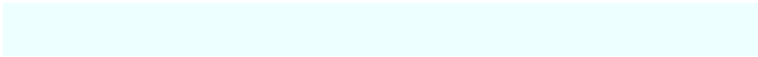
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5487, 96.8848, 99.2378



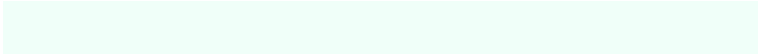
88.7941, 96.8848, 103.6432



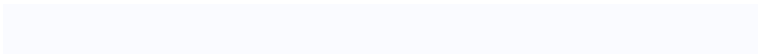
88.9131, 96.8848, 108.6844

Triad

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



88.7941, 96.8848, 103.6432



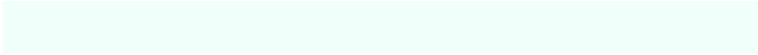
93.1944, 96.8848, 114.9543



94.3322, 96.8848, 98.3250

Complementary

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



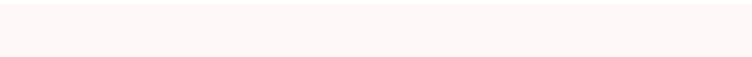
88.7941, 96.8848, 103.6432



89.0353, 90.2352, 99.9134

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.



95.3337, 96.8848, 102.3610



88.7941, 96.8848, 103.6432



94.6710, 96.8848, 112.0017

Square

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



88.7941, 96.8848, 103.6432



91.4386, 96.8848, 115.3244



95.4585, 96.8848, 107.3608



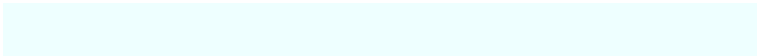
92.7367, 96.8848, 96.2333

Rectangle

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



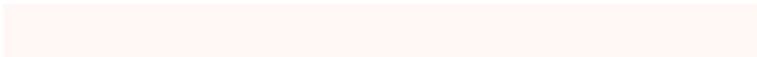
88.7941, 96.8848, 103.6432



89.4723, 96.8848, 111.7253



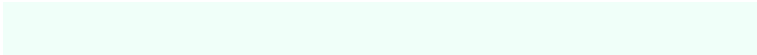
95.4585, 96.8848, 107.3608



94.7504, 96.8848, 99.4932

Sweetspot

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



88.7950, 96.8853, 103.6447



92.8718, 98.9148, 107.0930



89.4949, 97.4044, 96.5237



19.9012, 21.1832, 22.9414



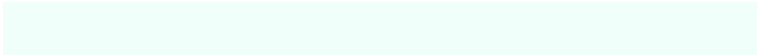
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

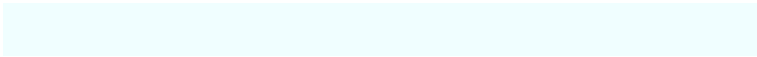
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7950, 96.8853, 103.6447



87.6569, 96.3191, 102.6655



89.2693, 96.3124, 108.4929



18.6322, 20.5516, 21.8621



21.7662, 38.6031, 22.4521



2.1733, 3.7802, 2.4704

Inverse Universe

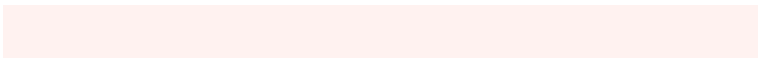
The Inverse Universe completely reimagines the original color for something new.



89.0353, 90.2352, 99.9134



87.9407, 88.4645, 98.2584



88.5725, 90.7595, 95.2897



18.6979, 18.7329, 20.8417



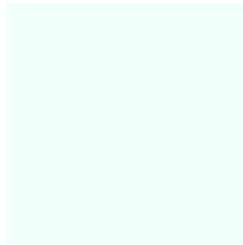
22.8703, 11.6374, 7.9675



2.2790, 1.1540, 1.0506

Previews

White Background



This preview shows how the XYZ color 88.7941, 96.8848, 103.6432 looks on a white background.

Color Contrast Check

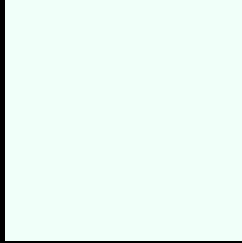
Large Text (above 18pt) WCAG AA × Fail

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 88.7941, 96.8848, 103.6432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

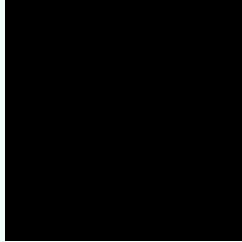
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.7941, 96.8848, 103.6432

Background



This preview shows how black text looks on a background with the XYZ color 88.7941, 96.8848, 103.6432.

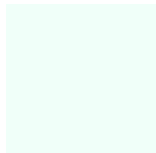


This preview shows how white text looks on a background with the XYZ color 88.7941, 96.8848,

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

88.7941, 96.8848, 103.6432



Protanopia

92.6805, 97.0317, 102.6511

Deuteranopia

92.8382, 96.5962, 105.0186

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

88.7941, 96.8848, 103.6432

Protanomaly

91.1780, 96.7221, 102.6706

Deuteranomaly

91.4901, 96.8469, 104.3138

Tritanomaly

90.5461, 96.3055, 106.7450

Monochromacy



Original Color

88.7941, 96.8848, 103.6432

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.0718, 96.1158, 104.2474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7941, 96.8848, 103.6432 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(240, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 249)  
}
```

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(240, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 88.7941, 96.8848, 103.6432 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(240, 255, 249) }
```


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

```
.border{ border-color:rgb(240, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7941, 96.8848, 103.6432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 249) }
```

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

```
.background{ background-color: rgb(240,  
255, 249) }
```

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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