

Converting Colors

XYZ(89.7611, 99.2614,
104.0942)

Have a look what the booklet for
XYZ(89.7611, 99.2614, 104.0942)
contains.

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Color

**XYZ(88.4555, 96.7103,
103.6274)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFF9
RGB	239, 255, 249
RGB Percent	94%, 100%, 98%
CMY	0.0627, 0.0000, 0.0235
CMYK	0.06, 0.00, 0.02, 0.00
HSL	158°, 100%, 97%
HSV	158°, 6%, 100%
XYZ	88.4555, 96.7103, 103.6274
YIQ	249.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

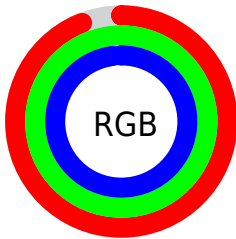
Format	Color
R _Y B	239, 249, 255
Decimal	15728633
CIE Lab	98.71, -6.29, 1.05
CIE LCh	99, 6.380, 170.495
Yxy	96.7103, 0.3063, 0.3349
Android (android.graphics.Color)	4293918713 (0xFFEFFFF9)
YUV	249.5320, -0.2623, -9.2366
Hunter-Lab	98.3414, -11.5414, 6.3620

Details

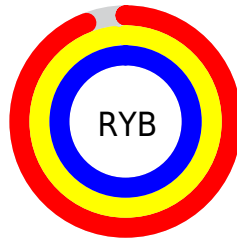
The XYZ color 88.4555, 96.7103, 103.6274 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5885, 89.5866, 99.0090, and the grayscale version is 90.4864, 95.1987, 103.6714.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3482, 54.3057, 58.3332 is the 20% darker color. If you saturate the color by 10%, you get 78.9916, 91.9994, 95.5978, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

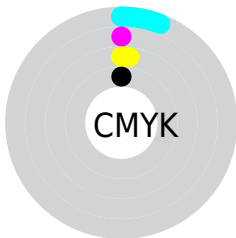
Distribution



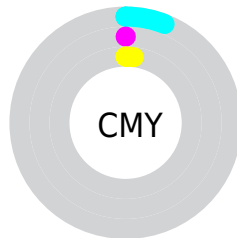
- Red (94%)
- Green (100%)
- Blue (98%)



- 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 88.4555, 96.7103, 103.6274 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 88.4555, 96.7103, 103.6274 by changing the saturation by 10% instead.

88.4555, 96.7103,
103.6274

88.4555, 96.7103,
103.6274

511.3068,
549.6259, 593.1066

67.0324, 73.5593,
78.6997

144.0804,
156.6253, 168.2284

49.3818, 54.4334,
58.1291

179.0130,
194.1582, 208.7387

35.1382, 38.9483,
41.4970

219.1794,
237.2537, 255.2804

23.9364, 26.7195,
28.3850

264.9450,
286.2963, 308.2718

15.4109, 17.3627,
18.3745

316.6752,
341.6705, 368.1316

9.1965, 10.4934,
11.0470

374.7354,

4.9277, 5.7273,

403.7605, 435.2783

5.9839

439.4908,
472.9509, 510.1305

■ 2.2392, 2.6800,
2.7667

■ 0.7633, 0.9670,
0.9768

■ 88.4555, 96.7103,
103.6274

■ 88.4555, 96.7103,
103.6274

■ 78.9916, 91.9994,
95.5978

95.0500, 100.0000,
108.9000

■ 70.7656, 87.9181,
88.0151

■ 63.7231, 84.4383,
80.8721

■ 57.8045, 81.5296,
74.1600

■ 52.9449, 79.1585,
67.8695

■ 49.0723, 77.2883,
61.9908

■ 46.1054, 75.8770,
56.5135

■ 43.9493, 74.8758,
51.4264

■ 42.4858, 74.2241,
46.7170

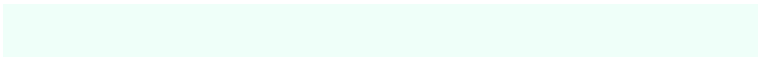
Harmonies

Analogous

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



89.2022, 96.7103, 98.9509



88.4555, 96.7103, 103.6274



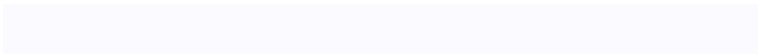
88.6275, 96.7103, 108.9094

Triad

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



88.4555, 96.7103, 103.6274



93.1717, 96.7103, 115.1373



94.2023, 96.7103, 97.6328

Complementary

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



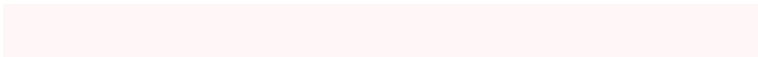
88.4555, 96.7103, 103.6274



88.5885, 89.5866, 99.0090

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.



95.2935, 96.7103, 101.7734



88.4555, 96.7103, 103.6274



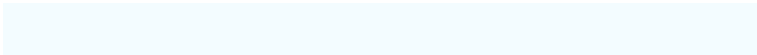
94.6930, 96.7103, 111.9172

Square

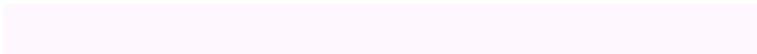
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4555, 96.7103, 103.6274



91.3340, 96.7103, 115.6743



95.4743, 96.7103, 106.9927



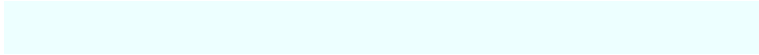
92.5090, 96.7103, 95.5673

Rectangle

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



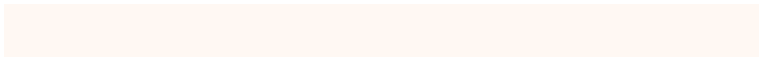
88.4555, 96.7103, 103.6274



89.2410, 96.7103, 112.0579



95.4743, 96.7103, 106.9927



94.6526, 96.7103, 98.8215

Sweetspot

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



88.4564, 96.7107, 103.6289



92.8921, 98.9230, 107.2000



89.0434, 97.1888, 95.7290



19.9054, 21.1849, 22.9632



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

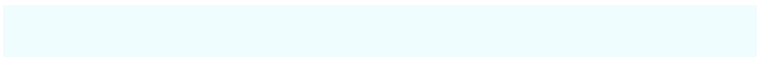
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4564, 96.7107, 103.6289



86.7318, 95.8513, 102.2102



88.8147, 95.9059, 108.4384



18.2491, 20.3592, 21.6149



22.0480, 38.7158, 23.9357



2.1998, 3.7908, 2.6097

Inverse Universe

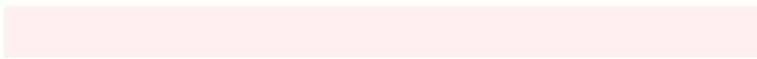
The Inverse Universe completely reimagines the original color for something new.



88.5885, 89.5866, 99.0090



86.8983, 86.8736, 96.3885



88.2366, 90.3247, 94.4466



18.2910, 18.0997, 20.1498



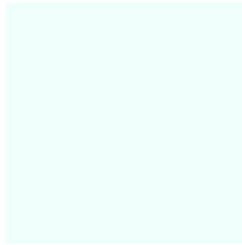
22.7089, 11.5728, 7.1174



2.2620, 1.1472, 0.9610

Previews

White Background



This preview shows how the XYZ color 88.4555, 96.7103, 103.6274 looks on a white background.

Color Contrast Check

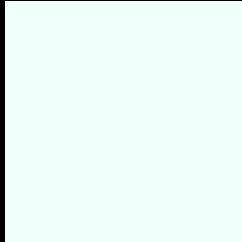
Large Text (above 18pt) WCAG AA × Fail

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 88.4555, 96.7103, 103.6274 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 88.4555, 96.7103, 103.6274

Background



This preview shows how black text looks on a background with the XYZ color 88.4555, 96.7103, 103.6274.

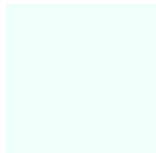


This preview shows how white text looks on a background with the XYZ color 88.4555, 96.7103,

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

88.4555, 96.7103, 103.6274



Protanopia

92.3689, 96.4085, 102.5473

Deuteranopia

92.8382, 96.5962, 105.0186

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

88.4555, 96.7103, 103.6274

Protanomaly

90.8206, 96.5379, 102.6538

Deuteranomaly

91.1326, 96.6627, 104.2970

Tritanomaly

90.5461, 96.3055, 106.7450

Monochromacy



Original Color

88.4555, 96.7103, 103.6274

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 88.4555, 96.7103, 103.6274 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(239, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 88.4555, 96.7103, 103.6274 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(239, 255, 249) }
```


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

```
.border{ border-color:rgb(239, 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(239, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4555, 96.7103, 103.6274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 249) }
```

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

```
.background{ background-color: rgb(239,  
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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