

Converting Colors

XYZ(88.7658, 96.8205,
105.8899)

Have a look what the booklet for
XYZ(88.7658, 96.8205, 105.8899)
contains.

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Color

**XYZ(88.9273, 96.8990,
106.1119)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFFC
RGB	239, 255, 252
RGB Percent	94%, 100%, 99%
CMY	0.0627, 0.0000, 0.0118
CMYK	0.06, 0.00, 0.01, 0.00
HSL	169°, 100%, 97%
HSV	169°, 6%, 100%
XYZ	88.9273, 96.8990, 106.1119
YIQ	249.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

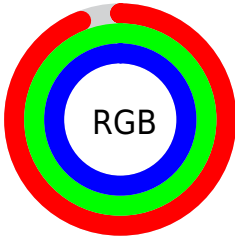
Format	Color
R_{YB}	239, 248, 255
Decimal	15728636
CIE _{Lab}	98.79, -5.75, -0.38
CIE _{LCh}	99, 5.760, 183.761
Yxy	96.8990, 0.3046, 0.3319
Android (android.graphics.Color)	4293918716 (0xFFEFFFFC)
YUV	249.8740, 1.0481, -9.5365
Hunter-Lab	98.4373, -11.0101, 4.9936

Details

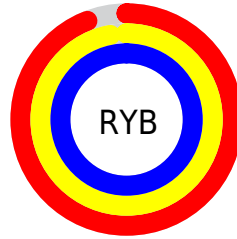
The XYZ color 88.9273, 96.8990, 106.1119 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.1341, 89.4049, 96.6162, and the grayscale version is 90.7586, 95.4851, 103.9832.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5728, 54.3956, 59.5164 is the 20% darker color. If you saturate the color by 10%, you get 80.1693, 92.4705, 101.7994, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

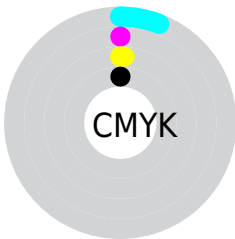
Distribution



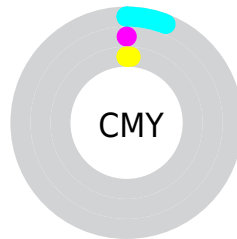
- Red (94%)
- Green (100%)
- Blue (99%)



- Red (94%)
- Yellow (97%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.9273, 96.8990, 106.1119 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 88.9273, 96.8990, 106.1119 by changing the saturation by 10% instead.


 88.9273, 96.8990,
106.1119

 88.9273, 96.8990,
106.1119


512.8253,
550.2267, 601.0285

 67.4246, 73.7165,
80.7693


144.7334,
156.8856, 171.6561

 49.7018, 54.5621,
59.8218


179.7676,
194.4584, 212.6949

 35.3933, 39.0512,
42.8506


220.0429,
237.5969, 259.8028

 24.1339, 26.7996,
29.4374

265.9248,
286.6853, 313.3984

 15.5583, 17.4227,
19.1635

317.7787,
342.1081, 373.9003

 9.3010, 10.5364,
11.6105

375.9698,

 4.9967, 5.7560,

404.2497, 441.7268

6.3597

440.8635,
473.4944, 517.2968

■ 2.2801, 2.6973,
2.9927

■ 0.7844, 0.9758,
1.0909

■ 88.9273, 96.8990,
106.1119

■ 88.9273, 96.8990,
106.1119

■ 80.1693, 92.4705,
101.7994

95.0500, 100.0000,
108.9000

■ 72.5933, 88.6491,
97.6394

■ 66.1459, 85.4074,
93.6302

■ 60.7686, 82.7152,
89.7684

■ 56.3974, 80.5396,
86.0501

■ 52.9615, 78.8440,
82.4714

■ 50.3809, 77.5871,
79.0278

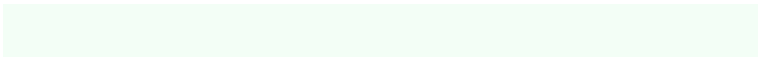
■ 48.5615, 76.7207,
75.7139

■ 47.3865, 76.1844,
72.5237

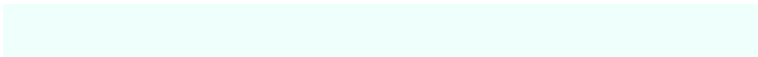
Harmonies

Analogous

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



89.2447, 96.8990, 101.4862



88.9273, 96.8990, 106.1119



89.4514, 96.8990, 110.7088

Triad

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



88.9273, 96.8990, 106.1119



93.8986, 96.8990, 113.3513



93.5289, 96.8990, 97.4581

Complementary

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



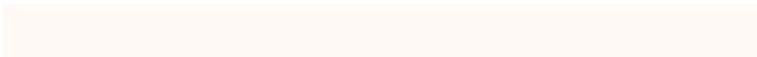
88.9273, 96.8990, 106.1119



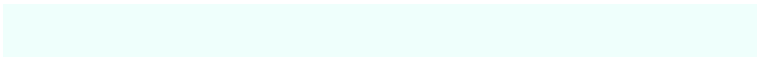
88.1341, 89.4049, 96.6162

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.



94.7995, 96.8990, 100.4698



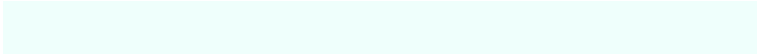
88.9273, 96.8990, 106.1119



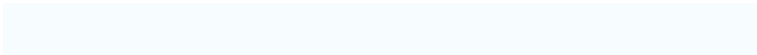
95.0148, 96.8990, 109.6317

Square

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



88.9273, 96.8990, 106.1119



92.3107, 96.8990, 114.9676



95.3464, 96.8990, 104.9035



91.8888, 96.8990, 96.5793

Rectangle

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



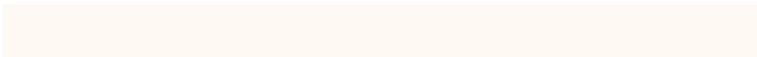
88.9273, 96.8990, 106.1119



90.2113, 96.8990, 113.1118



95.3464, 96.8990, 104.9035



94.0141, 96.8990, 98.2500

Sweetspot

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



88.9282, 96.8994, 106.1134



93.0450, 98.9841, 108.0049



88.0274, 96.6650, 95.6815



19.9365, 21.1973, 23.1270



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

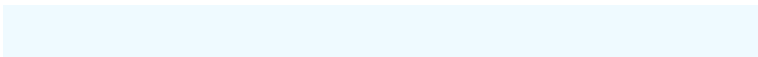
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9282, 96.8994, 106.1134



87.3295, 96.0904, 105.3576



87.8952, 94.0670, 108.1319



18.4002, 20.4196, 22.4107



24.6361, 39.7510, 37.5647



2.4347, 3.8848, 3.8471

Inverse Universe

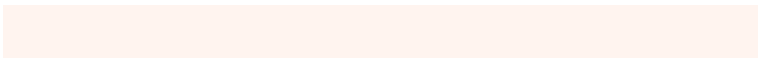
The Inverse Universe completely reimagines the original color for something new.



88.1341, 89.4049, 96.6162



86.3288, 86.6458, 93.3895



89.1112, 92.0740, 94.7382



18.1484, 18.0427, 19.3987



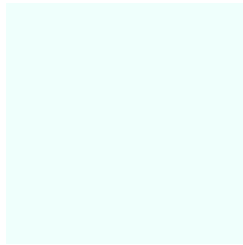
21.8648, 11.2352, 2.6726



2.1642, 1.1080, 0.4459

Previews

White Background



This preview shows how the XYZ color 88.9273, 96.8990, 106.1119 looks on a white background.

Color Contrast Check

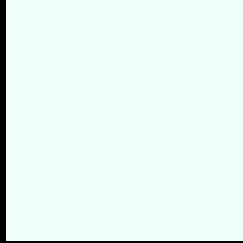
Large Text (above 18pt) WCAG AA × Fail

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 88.9273, 96.8990, 106.1119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

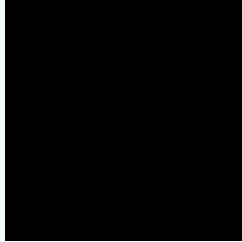
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.9273, 96.8990, 106.1119

Background



This preview shows how black text looks on a background with the XYZ color 88.9273, 96.8990, 106.1119.

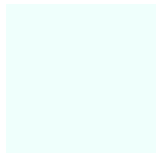


This preview shows how white text looks on a background with the XYZ color 88.9273, 96.8990,

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

88.9273, 96.8990, 106.1119

Protanopia

92.6809, 96.5333, 104.1905

Deuteranopia

92.9963, 96.6595, 105.8512

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

88.9273, 96.8990, 106.1119

Protanomaly

91.2899, 96.7256, 105.1252

Deuteranomaly

91.4480, 96.7888, 105.9577

Tritanomaly

90.7058, 96.3694, 107.5864

Monochromacy



Original Color

88.9273, 96.8990, 106.1119

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.2290, 96.1787, 105.0755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9273, 96.8990, 106.1119 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 252) }
```

Border

The CSS property to change the border of an element to XYZ 88.9273, 96.8990, 106.1119 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, 252) }
```


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

```
.border{ border-color:rgb(239, 255, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9273, 96.8990, 106.1119 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, 252) }
```

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

```
.background{ background-color: rgb(239,  
255, 252) }
```

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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