

Converting Colors

XYZ(89.8704, 97.4041,
105.2994)

Have a look what the booklet for
XYZ(89.8704, 97.4041, 105.2994)
contains.

XYZ(89.7905, 97.3623, 105.3271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(89.7905, 97.3623,
105.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FFFB
RGB	242, 255, 251
RGB Percent	95%, 100%, 98%
CMY	0.0510, 0.0000, 0.0157
CMYK	0.05, 0.00, 0.02, 0.00
HSL	162°, 100%, 97%
HSV	162°, 5%, 100%
XYZ	89.7905, 97.3623, 105.3271
YIQ	250.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

Format	Color
R _Y B	242, 250, 255
Decimal	15925243
CIE Lab	98.97, -4.96, 0.43
CIE LCh	99, 4.976, 175.075
Yxy	97.3623, 0.3070, 0.3329
Android (android.graphics.Color)	4294115323 (0xFF2FFFB)
YUV	250.6570, 0.1691, -7.5922
Hunter-Lab	98.6723, -10.2440, 5.7819

Details

The XYZ color 89.7905, 97.3623, 105.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.6272, 91.4190, 100.1105, and the grayscale version is 91.4119, 96.1725, 104.7318.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2941, 54.7674, 59.5501 is the 20% darker color. If you saturate the color by 10%, you get 80.4289, 92.6761, 98.5685, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

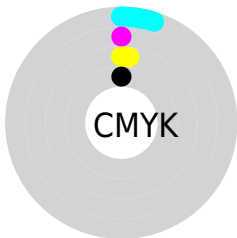
Distribution



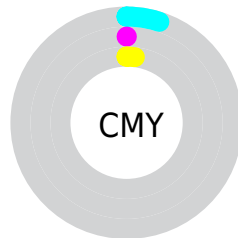
- Red (95%)
- Green (100%)
- Blue (98%)



- Red (95%)
- Yellow (98%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.7905, 97.3623, 105.3271 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 89.7905, 97.3623, 105.3271 by changing the saturation by 10% instead.


 89.7905, 97.3623,
105.3271

 89.7905, 97.3623,
105.3271


515.5972,
551.7003, 598.5321

 68.1426, 74.1027,
80.1152


145.9272,
157.5242, 170.5743

 50.2879, 54.8781,
59.2865


181.1467,
195.1953, 211.4466

 35.8609, 39.3041,
42.4222


221.6207,
238.4390, 258.3763

 24.4964, 26.9964,
29.1040

267.7147,
287.6397, 311.7817

 15.8290, 17.5705,
18.9133

319.7940,
343.1817, 372.0814

 9.4933, 10.6421,
11.4314

378.2240,

 5.1240, 5.8267,

405.4496, 439.6941

6.2400

443.3699,
474.8277, 515.0381

■ 2.3557, 2.7400,
2.9204

■ 0.8229, 0.9975,
1.0541

■ 89.7905, 97.3623,
105.3271

■ 89.7905, 97.3623,
105.3271

■ 80.4289, 92.6761,
98.5685

95.0500, 100.0000,
108.9000

■ 72.2871, 88.6129,
92.1297

■ 65.3118, 85.1453,
86.0065

■ 59.4444, 82.2432,
80.1929

■ 54.6212, 79.8737,
74.6825

■ 50.7718, 78.0007,
69.4685

■ 47.8168, 76.5833,
64.5437

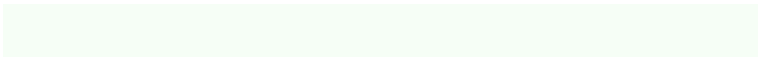
■ 45.6637, 75.5738,
59.9002

■ 44.1987, 74.9138,
55.5289

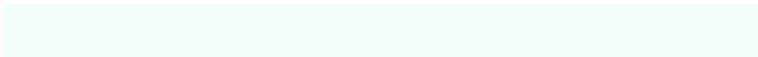
Harmonies

Analogous

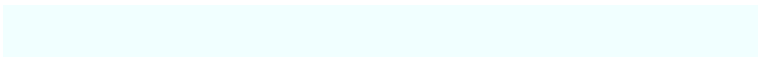
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2733, 97.3623, 101.5061



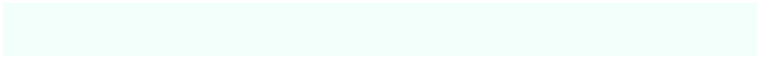
89.7905, 97.3623, 105.3271



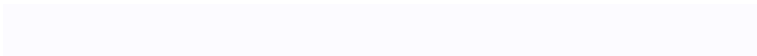
90.0381, 97.3623, 109.4303

Triad

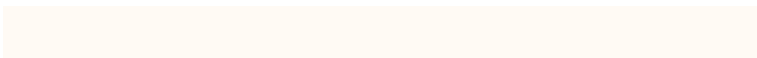
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.7905, 97.3623, 105.3271



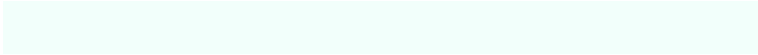
93.7263, 97.3623, 113.4072



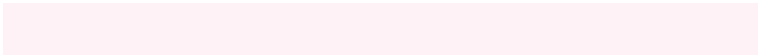
94.1450, 97.3623, 99.5995

Complementary

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



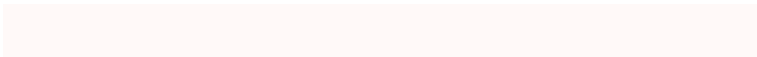
89.7905, 97.3623, 105.3271



89.6272, 91.4190, 100.1105

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.



95.0877, 97.3623, 102.6637



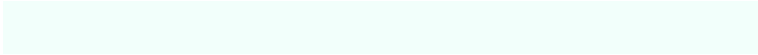
89.7905, 97.3623, 105.3271



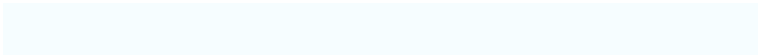
94.8442, 97.3623, 110.6473

Square

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



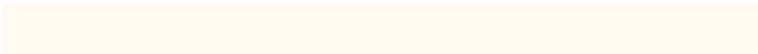
89.7905, 97.3623, 105.3271



92.3008, 97.3623, 114.1651



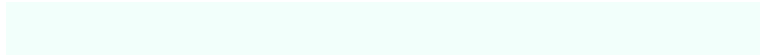
95.3450, 97.3623, 106.6978



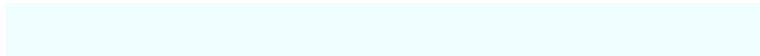
92.7795, 97.3623, 98.2547

Rectangle

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



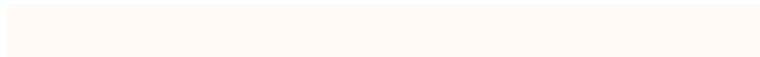
89.7905, 97.3623, 105.3271



90.5854, 97.3623, 111.7642



95.3450, 97.3623, 106.6978



94.5224, 97.3623, 100.4587

Sweetspot

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



89.7914, 97.3627, 105.3286



92.9469, 98.9449, 107.4886



89.8346, 97.5450, 98.0990



19.9165, 21.1893, 23.0219



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

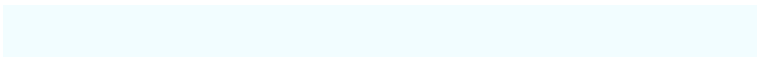
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.7914, 97.3627, 105.3286



88.8948, 96.9134, 104.7051



89.6730, 96.1065, 108.4319



18.8897, 20.6746, 22.3150



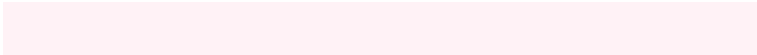
22.8792, 39.0483, 28.3129



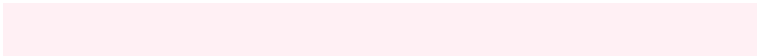
2.2766, 3.8216, 3.0144

Inverse Universe

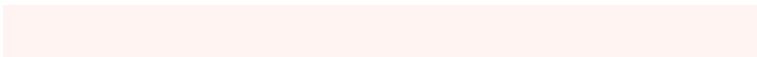
The Inverse Universe completely reimagines the original color for something new.



89.6272, 91.4190, 100.1105



88.7027, 89.9600, 98.6006



89.7338, 92.6040, 97.1506



18.8443, 19.0316, 20.8726



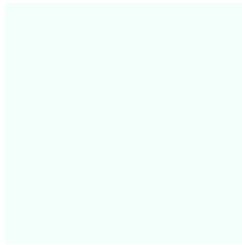
22.3337, 11.4228, 5.1420



2.2209, 1.1308, 0.7449

Previews

White Background



This preview shows how the XYZ color 89.7905, 97.3623, 105.3271 looks on a white background.

Color Contrast Check

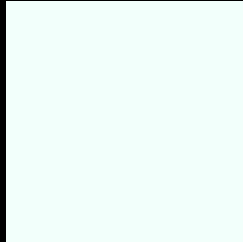
Large Text (above 18pt) WCAG AA × Fail

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 89.7905, 97.3623, 105.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

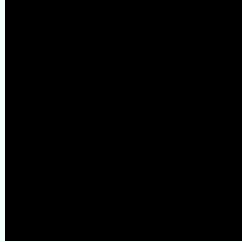
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.7905, 97.3623, 105.3271

Background



This preview shows how black text looks on a background with the XYZ color 89.7905, 97.3623, 105.3271.

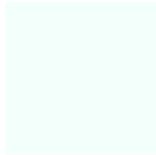


This preview shows how white text looks on a background with the XYZ color 89.7905, 97.3623,

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

89.7905, 97.3623, 105.3271

Protanopia

92.9925, 97.1565, 104.2943

Deuteranopia

93.3079, 97.2826, 105.9550

Tritanopia

92.6441, 97.3500, 108.5153

Trichromacy



Original Color

89.7905, 97.3623, 105.3271

Protanomaly

91.4901, 96.8469, 104.3138

Deuteranomaly

91.8054, 96.9731, 105.9745

Tritanomaly

91.7261, 97.3628, 107.7243

Monochromacy



Original Color

89.7905, 97.3623, 105.3271

Achromatopsia

91.6934, 96.4686, 105.0543

Achromatomaly

90.9344, 96.5423, 105.1086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.7905, 97.3623, 105.3271 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(242, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 251)  
}
```

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(242, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 89.7905, 97.3623, 105.3271 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(242, 255, 251) }
```


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

```
.border{ border-color:rgb(242, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 89.7905, 97.3623, 105.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 251) }
```

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

```
.background{ background-color: rgb(242,  
255, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor