

Converting Colors

XYZ(89.2422, 97.0523,
106.5341)

Have a look what the booklet for
XYZ(89.2422, 97.0523, 106.5341)
contains.

XYZ(89.2659, 97.0735, 106.1277) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(89.2659, 97.0735,
106.1277)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFFC
RGB	240, 255, 252
RGB Percent	94%, 100%, 99%
CMY	0.0588, 0.0000, 0.0118
CMYK	0.06, 0.00, 0.01, 0.00
HSL	168°, 100%, 97%
HSV	168°, 6%, 100%
XYZ	89.2659, 97.0735, 106.1277
YIQ	250.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

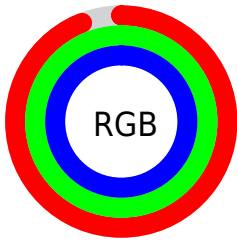
Format	Color
R _Y B	240, 248, 255
Decimal	15794172
CIE Lab	98.86, -5.42, -0.27
CIE LCh	99, 5.431, 182.838
Yxy	97.0735, 0.3052, 0.3319
Android (android.graphics.Color)	4293984252 (0xFF0FFFC)
YUV	250.1730, 0.9007, -8.9217
Hunter-Lab	98.5259, -10.6967, 5.1036

Details

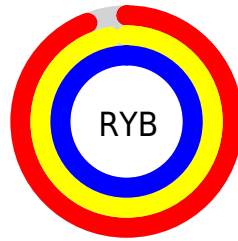
The XYZ color 89.2659, 97.0735, 106.1277 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5784, 90.0525, 97.5075, and the grayscale version is 91.0064, 95.7458, 104.2672.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8116, 54.5186, 59.5276 is the 20% darker color. If you saturate the color by 10%, you get 80.4120, 92.6013, 101.5538, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

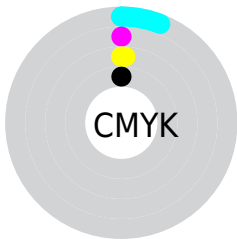
Distribution



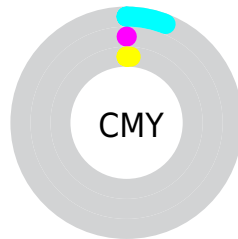
- Red (94%)
- Green (100%)
- Blue (99%)



- 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 89.2659, 97.0735, 106.1277 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 89.2659, 97.0735, 106.1277 by changing the saturation by 10% instead.


 89.2659, 97.0735,
106.1277

 89.2659, 97.0735,
106.1277

513.9135,
550.7820, 601.0787

 67.7062, 73.8620,
80.7825


145.2018,
157.1261, 171.6779

 49.9316, 54.6811,
59.8325


180.3088,
194.7360, 212.7200

 35.5766, 39.1464,
42.8593


220.6622,
237.9141, 259.8315

 24.2760, 26.8737,
29.4441

266.6274,
287.0449, 313.4309

 15.6643, 17.4784,
19.1686

318.5698,
342.5126, 373.9368

 9.3763, 10.5761,
11.6141

376.8547,

 5.0465, 5.7826,

404.7018, 441.7677

6.3622

441.8475,
473.9968, 517.3422

■ 2.3096, 2.7133,
2.9942

■ 0.7996, 0.9840,
1.0917

■ 89.2659, 97.0735,
106.1277

■ 89.2659, 97.0735,
106.1277

■ 80.4120, 92.6013,
101.5538

95.0500, 100.0000,
108.9000

■ 72.7447, 88.7383,
97.1462

■ 66.2108, 85.4571,
92.9030

■ 60.7519, 82.7276,
88.8207

■ 56.3042, 80.5170,
84.8952

■ 52.7973, 78.7890,
81.1225

■ 50.1514, 77.5024,
77.4978

■ 48.2732, 76.6093,
74.0158

■ 47.0470, 76.0500,
70.6702

Harmonies

Analogous

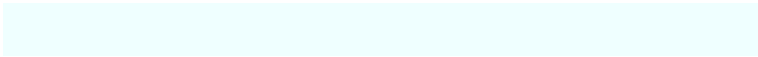
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5902, 97.0735, 101.7763



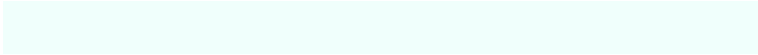
89.2659, 97.0735, 106.1277



89.7377, 97.0735, 110.4826

Triad

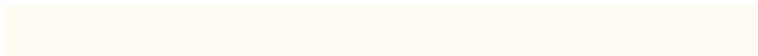
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2659, 97.0735, 106.1277



93.9218, 97.0735, 113.1726



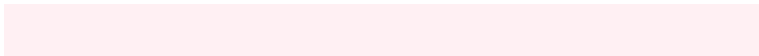
93.6585, 97.0735, 98.1468

Complementary

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



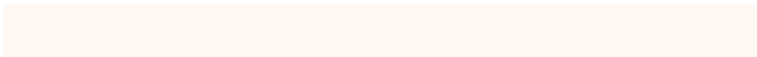
89.2659, 97.0735, 106.1277



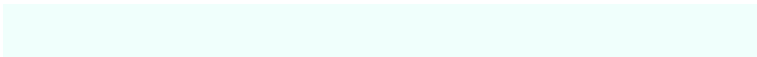
88.5784, 90.0525, 97.5075

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.



94.8402, 97.0735, 101.0508



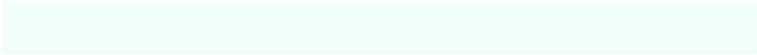
89.2659, 97.0735, 106.1277



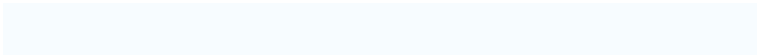
94.9934, 97.0735, 109.7162

Square

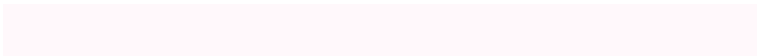
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.2659, 97.0735, 106.1277



92.4159, 97.0735, 114.6219



95.3315, 97.0735, 105.2665



92.1152, 97.0735, 97.2470

Rectangle

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



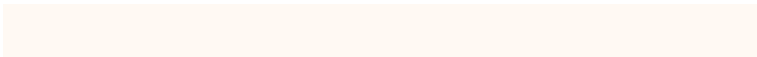
89.2659, 97.0735, 106.1277



90.4434, 97.0735, 112.7792



95.3315, 97.0735, 105.2665



94.1118, 97.0735, 98.9168

Sweetspot

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



89.2669, 97.0740, 106.1292



93.0348, 98.9800, 107.9511



88.4512, 96.8664, 96.4749



19.9344, 21.1965, 23.1160



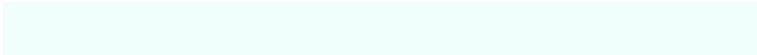
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

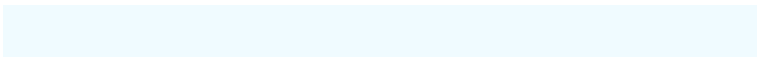
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2669, 97.0740, 106.1292



88.2159, 96.5426, 105.6091



88.3273, 94.4284, 108.1789



18.7618, 20.6034, 22.5448



24.4366, 39.6712, 36.5139



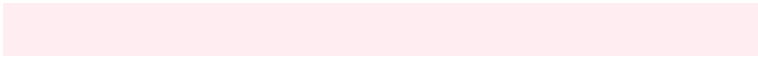
2.4170, 3.8777, 3.7537

Inverse Universe

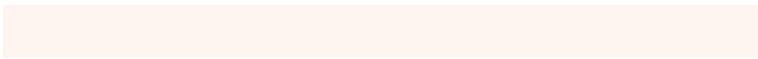
The Inverse Universe completely reimagines the original color for something new.



88.5784, 90.0525, 97.5075



87.4028, 88.2493, 95.4259



89.4703, 92.5550, 95.5890



18.5735, 18.6832, 20.1870



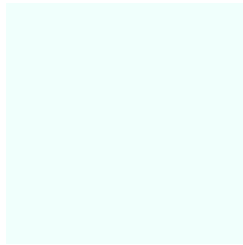
21.9024, 11.2503, 2.8706



2.1691, 1.1100, 0.4721

Previews

White Background



This preview shows how the XYZ color 89.2659, 97.0735, 106.1277 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 89.2659, 97.0735, 106.1277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

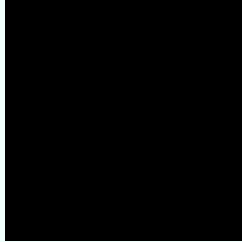
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.2659, 97.0735, 106.1277

Background



This preview shows how black text looks on a background with the XYZ color 89.2659, 97.0735, 106.1277.

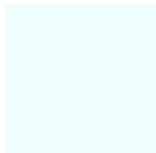


This preview shows how white text looks on a background with the XYZ color 89.2659, 97.0735,

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

89.2659, 97.0735, 106.1277



Protanopia

92.9925, 97.1565, 104.2943

Deuteranopia

92.9963, 96.6595, 105.8512

Tritanopia

92.2847, 97.1648, 108.4985

Trichromacy



A vertical color bar on the left side of the page, divided into four horizontal segments. The top segment is a light cyan color, the second is a light blue, the third is a light green, and the bottom is a light yellow. The text for each segment is positioned to the right of the bar.

Original Color

89.2659, 97.0735, 106.1277

Protanomaly

91.6473, 96.9098, 105.1419

Deuteranomaly

91.8054, 96.9731, 105.9745

Tritanomaly

91.0207, 96.9991, 107.6913

Monochromacy



A vertical color bar on the left side of the page, divided into three horizontal segments. The top segment is a light cyan color, the middle is a light blue, and the bottom is a light yellow. The text for each segment is positioned to the right of the bar.

Original Color

89.2659, 97.0735, 106.1277

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 89.2659, 97.0735, 106.1277 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 252) }
```

Border

The CSS property to change the border of an element to XYZ 89.2659, 97.0735, 106.1277 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, 252) }
```


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

```
.border{ border-color:rgb(240, 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(240, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2659, 97.0735, 106.1277 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, 252) }
```

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

```
.background{ background-color: rgb(240,  
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](#).

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