

Converting Colors

XYZ(89.5079, 97.2268,
104.8495)

Have a look what the booklet for
XYZ(89.5079, 97.2268, 104.8495)
contains.

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Color

**XYZ(89.2909, 97.1229,
104.4829)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFFA
RGB	241, 255, 250
RGB Percent	95%, 100%, 98%
CMY	0.0549, 0.0000, 0.0196
CMYK	0.05, 0.00, 0.02, 0.00
HSL	159°, 100%, 97%
HSV	159°, 5%, 100%
XYZ	89.2909, 97.1229, 104.4829
YIQ	250.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

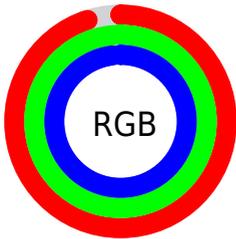
Format	Color
R _Y B	241, 250, 255
Decimal	15859706
CIE Lab	98.88, -5.46, 0.79
CIE LCh	99, 5.520, 171.725
Yxy	97.1229, 0.3070, 0.3339
Android (android.graphics.Color)	4294049786 (0xFF1FFFA)
YUV	250.2440, -0.1203, -8.1070
Hunter-Lab	98.5510, -10.7364, 6.1269

Details

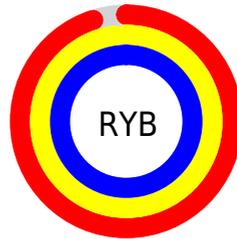
The XYZ color 89.2909, 97.1229, 104.4829 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.3303, 90.8254, 100.0115, and the grayscale version is 91.0725, 95.8153, 104.3429.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.9393, 54.5975, 58.9452 is the 20% darker color. If you saturate the color by 10%, you get 79.7936, 92.3878, 96.7653, 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 89.2909, 97.1229, 104.4829 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 89.2909, 97.1229, 104.4829 by changing the saturation by 10% instead.

 89.2909, 97.1229,
104.4829

 89.2909, 97.1229,
104.4829

513.9938,
550.9391, 595.8406

 67.7270, 73.9031,
79.4120

145.2364,
157.1942, 169.4096

 49.9485, 54.7148,
58.7113

180.3487,
194.8146, 210.1024

 35.5901, 39.1734,
41.9623

220.7079,
238.0039, 256.8397

 24.2865, 26.8946,
28.7464

266.6792,
287.1466, 310.0399

 15.6721, 17.4941,
18.6451

318.6281,
342.6271, 370.1215

 9.3818, 10.5874,
11.2399

376.9200,

 5.0502, 5.7901,

404.8298, 437.5031

6.1123

441.9201,
474.1390, 512.6033

■ 2.3118, 2.7179,
2.8436

■ 0.8007, 0.9863,
1.0153

■ 89.2909, 97.1229,
104.4829

■ 89.2909, 97.1229,
104.4829

■ 79.7936, 92.3878,
96.7653

95.0500, 100.0000,
108.9000

■ 71.5315, 88.2817,
89.4589

■ 64.4507, 84.7768,
82.5574

■ 58.4920, 81.8428,
76.0530

■ 53.5911, 79.4466,
69.9371

■ 49.6771, 77.5518,
64.2011

■ 46.6695, 76.1169,
58.8354

■ 44.4749, 75.0941,
53.8300

■ 42.9779, 74.4239,
49.1735

Harmonies

Analogous

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



89.9099, 97.1229, 100.3675



89.2909, 97.1229, 104.4829



89.4741, 97.1229, 109.0569

Triad

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



89.2909, 97.1229, 104.4829



93.4599, 97.1229, 114.1784



94.2380, 97.1229, 98.9600

Complementary

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



89.2909, 97.1229, 104.4829



89.3303, 90.8254, 100.0115

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.



95.2101, 97.1229, 102.5112



89.2909, 97.1229, 104.4829



94.7573, 97.1229, 111.3222

Square

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



89.2909, 97.1229, 104.4829



91.8688, 97.1229, 114.7434



95.4013, 97.1229, 107.0280



92.7574, 97.1229, 97.2399

Rectangle

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



89.2909, 97.1229, 104.4829



90.0274, 97.1229, 111.7447



95.4013, 97.1229, 107.0280



94.6358, 97.1229, 99.9742

Sweetspot

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



89.2918, 97.1233, 104.4844



92.9067, 98.9288, 107.2765



89.6906, 97.4881, 97.3103



19.9083, 21.1861, 22.9787



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.



89.2918, 97.1233, 104.4844



87.7758, 96.3666, 103.2917



89.4936, 96.2560, 108.4702



18.6597, 20.5626, 22.0072



22.2582, 38.7999, 25.0425



2.2193, 3.7987, 2.7129

Inverse Universe

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



89.3303, 90.8254, 100.0115



87.8245, 88.4180, 97.6466



89.1286, 91.6332, 96.2098



18.6710, 18.7222, 20.7002



22.6010, 11.5297, 6.5492



2.2504, 1.1425, 0.9001

Previews

White Background



This preview shows how the XYZ color 89.2909, 97.1229, 104.4829 looks on a white background.

Color Contrast Check

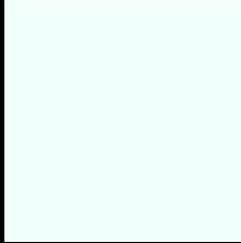
Large Text (above 18pt) WCAG AA × Fail

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 89.2909, 97.1229, 104.4829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

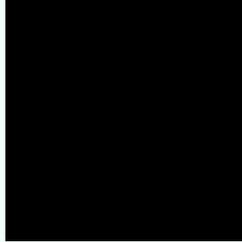
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.2909, 97.1229, 104.4829

Background



This preview shows how black text looks on a background with the XYZ color 89.2909, 97.1229, 104.4829.



This preview shows how white text looks on a background with the XYZ color 89.2909, 97.1229,

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

89.2909, 97.1229, 104.4829



Protanopia

92.8361, 97.0939, 103.4705

Deuteranopia

93.3079, 97.2826, 105.9550

Tritanopia

92.2847, 97.1648, 108.4985

Trichromacy



Original Color

89.2909, 97.1229, 104.4829

Protanomaly

91.3336, 96.7844, 103.4900

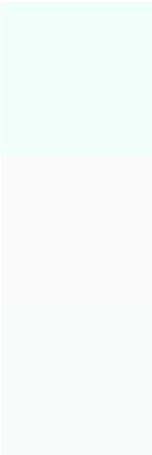
Deuteranomaly

91.6473, 96.9098, 105.1419

Tritanomaly

91.2127, 97.1166, 106.8665

Monochromacy



Original Color

89.2909, 97.1229, 104.4829

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.4235, 96.2971, 104.2638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.2909, 97.1229, 104.4829 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(241, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 250)  
}
```

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(241, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 89.2909, 97.1229, 104.4829 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(241, 255, 250) }
```

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

```
.border{ border-color:rgb(241, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2909, 97.1229, 104.4829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 250) }
```

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

```
.background{ background-color: rgb(241,  
255, 250) }
```

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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