

Converting Colors

XYZ(89.1296, 94.3609,
101.5952)

Have a look what the booklet for
XYZ(89.1296, 94.3609, 101.5952)
contains.

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Color

**XYZ(89.0220, 94.2409,
101.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F9F7
RGB	247, 249, 247
RGB Percent	97%, 98%, 97%
CMY	0.0314, 0.0235, 0.0314
CMYK	0.01, 0.00, 0.01, 0.02
HSL	120°, 14%, 97%
HSV	120°, 1%, 98%
XYZ	89.0220, 94.2409, 101.4940
YIQ	248.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

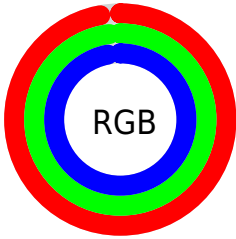
Format	Color
R _Y B	247, 249, 249
Decimal	16251383
CIE Lab	97.73, -1.01, 0.71
CIE LCh	98, 1.235, 144.640
Yxy	94.2409, 0.3126, 0.3310
Android (android.graphics.Color)	4294441463 (0xFF7F9F7)
YUV	248.1740, -0.5788, -1.0296
Hunter-Lab	97.0778, -6.1984, 5.9672

Details

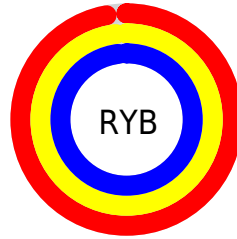
The XYZ color 89.0220, 94.2409, 101.4940 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.4300, 93.5033, 102.9617, and the grayscale version is 89.3727, 94.0270, 102.3954.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.9598, 52.9779, 56.8828 is the 20% darker color. If you saturate the color by 10%, you get 77.2317, 88.5802, 82.2055, and if you desaturate by 10%, it is 93.1675, 96.2349, 108.2725.

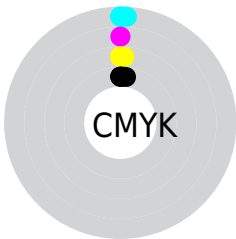
Distribution



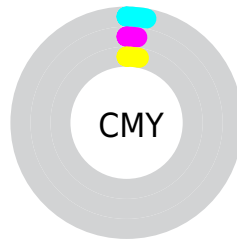
- Red (97%)
- Green (98%)
- Blue (97%)



- Red (97%)
- Yellow (98%)
- Blue (98%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.0220, 94.2409, 101.4940 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 89.0220, 94.2409, 101.4940 by changing the saturation by 10% instead.

89.0220, 94.2409,
101.4940

89.0220, 94.2409,
101.4940

513.1297,
541.7319, 586.2596

67.5034, 71.5033,
76.9250

144.8644,
153.2155, 165.2785

49.7660, 52.7531,
56.6801

179.9189,
190.2213, 205.3311

35.4446, 37.6057,
40.3408

220.2161,
232.7519, 251.3820

24.1736, 25.6768,
27.4886

266.1214,
281.1918, 303.8497

15.5879, 16.5820,
17.7048

318.0000,
335.9254, 363.1528

9.3220, 9.9369,
10.5710

376.2174,

5.0106, 5.3572,

397.3370, 429.7097

5.6687

441.1388,
465.8110, 503.9392

■ 2.2883, 2.4583,
2.5792

■ 0.7887, 0.8556,
0.8817

■ 89.0220, 94.2409,
101.4940

■ 89.0220, 94.2409,
101.4940

■ 77.2317, 88.5802,
82.2055

■ 93.1675, 96.2349,
108.2725

■ 67.0581, 83.6933,
65.5640

■ 58.4332, 79.5504,
51.4559

■ 51.2811, 76.1149,
39.7572

■ 45.5196, 73.3473,
30.3331

■ 41.0582, 71.2042,
23.0359

■ 37.7959, 69.6372,
17.7002

■ 35.6169, 68.5905,
14.1365

■ 34.3825, 67.9975,
12.1179

Harmonies

Analogous

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



89.2911, 94.2409, 100.8595



89.0220, 94.2409, 101.4940



88.9006, 94.2409, 102.4312

Triad

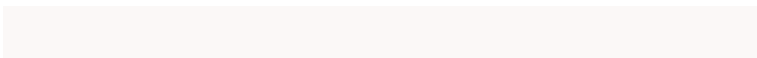
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.0220, 94.2409, 101.4940



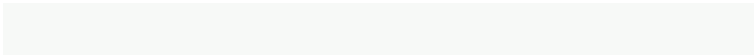
89.5099, 94.2409, 104.5554



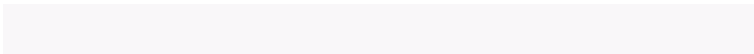
90.1901, 94.2409, 101.8059

Complementary

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



89.0220, 94.2409, 101.4940



89.4300, 93.5033, 102.9617

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.



90.2491, 94.2409, 102.7936



89.0220, 94.2409, 101.4940



89.8558, 94.2409, 104.3853

Square

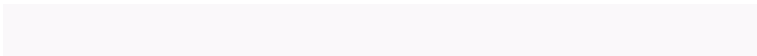
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



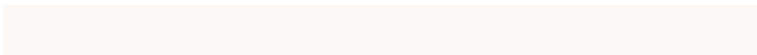
89.0220, 94.2409, 101.4940



89.1818, 94.2409, 104.2022



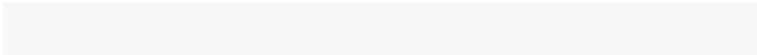
90.1266, 94.2409, 103.7388



89.9656, 94.2409, 101.0387

Rectangle

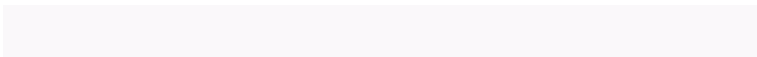
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



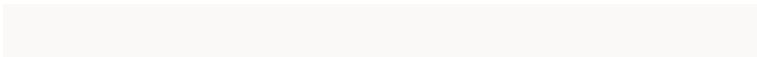
89.0220, 94.2409, 101.4940



88.9195, 94.2409, 103.1033



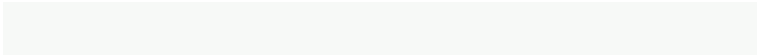
90.1266, 94.2409, 103.7388



90.2300, 94.2409, 102.1229

Sweetspot

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



89.0247, 94.2449, 101.4961

95.0500, 100.0000, 108.9000



89.7249, 94.5906, 101.5259



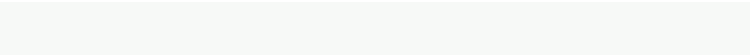
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



89.0247, 94.2449, 101.4961



93.7102, 99.3564, 106.7084



89.1745, 94.3049, 102.2855



19.2154, 20.3651, 21.8877



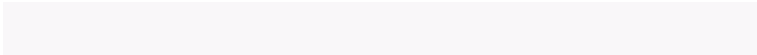
18.1333, 36.2663, 6.0444



1.6795, 3.3589, 0.5598

Inverse Universe

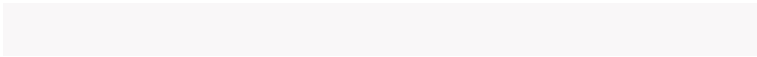
The Inverse Universe completely reimagines the original color for something new.



89.4300, 93.5033, 102.9617



94.2418, 98.3837, 108.6306



89.2793, 93.4430, 102.1679



19.3188, 20.1759, 22.2614



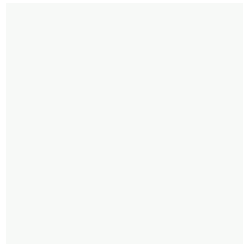
30.0610, 14.4397, 49.1763



2.7842, 1.3374, 4.5546

Previews

White Background



This preview shows how the XYZ color 89.0220, 94.2409, 101.4940 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 89.0220, 94.2409, 101.4940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

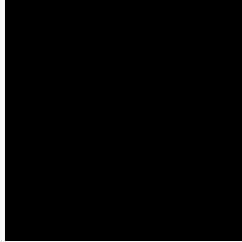
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

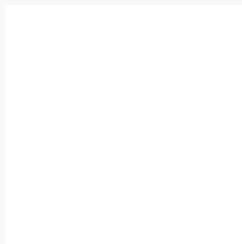
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.0220, 94.2409, 101.4940

Background



This preview shows how black text looks on a background with the XYZ color 89.0220, 94.2409, 101.4940.



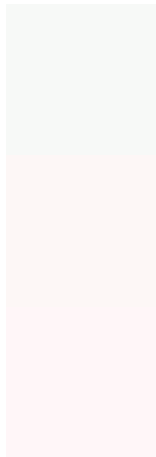
This preview shows how white text looks on a background with the XYZ color 89.0220, 94.2409,

101.4940.

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

89.0220, 94.2409, 101.4940

Protanopia

90.4033, 94.0580, 100.5790

Deuteranopia

91.1390, 93.9488, 102.1373

Tritanopia

90.6843, 94.4945, 108.0674

Trichromacy



Original Color

89.0220, 94.2409, 101.4940

Protanomaly

89.9856, 94.2979, 100.6473

Deuteranomaly

90.3489, 93.9943, 102.1877

Tritanomaly

89.8495, 94.1195, 105.5268

Monochromacy



Original Color

89.0220, 94.2409, 101.4940

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.2221, 93.8686, 102.2229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.0220, 94.2409, 101.4940 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(247, 249, 247) looks like.

```
.text, #text, p{  
    color:rgb(247, 249, 247)  
}
```

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(247, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 249, 247) }
```

Border

The CSS property to change the border of an element to XYZ 89.0220, 94.2409, 101.4940 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(247, 249, 247) }
```

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

```
.border{ border-color:rgb(247, 249, 247) }
```

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

Here you see how a box with a 4 pixel rgb(247, 249, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 249, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 249, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 249,  
247) }
```


Background

The CSS property to change the background color of an element to XYZ 89.0220, 94.2409, 101.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 249, 247) }
```

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

```
.background{ background-color: rgb(247,  
249, 247) }
```

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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