

Converting Colors

XYZ(131.7494, 110.9953,
106.2204)

Have a look what the booklet for
XYZ(131.7494, 110.9953, 106.2204)
contains.

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Color

**XYZ(89.0949, 88.8566,
104.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDFC
RGB	255, 237, 252
RGB Percent	100%, 93%, 99%
CMY	0.0000, 0.0706, 0.0118
CMYK	0.00, 0.07, 0.01, 0.00
HSL	310°, 100%, 96%
HSV	310°, 7%, 100%
XYZ	89.0949, 88.8566, 104.5507
YIQ	244.0920, 5.9130, 8.4810

Conversions

Conversions Part 2

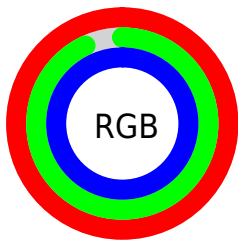
Format	Color
R _Y B	255, 237, 252
Decimal	16772604
CIE Lab	95.52, 8.65, -5.03
CIE LCh	96, 10.005, 329.785
Yxy	88.8566, 0.3154, 0.3145
Android (android.graphics.Color)	4294962684 (0xFFFFEFC)
YUV	244.0920, 3.8986, 9.5663
Hunter-Lab	94.2638, 3.7505, 0.2244

Details

The XYZ color **89.0949, 88.8566, 104.5507** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.4158, 95.8170, 96.3813**, and the grayscale version is **86.0309, 90.5112, 98.5667**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6629, 48.9936, 58.4690** is the 20% darker color. If you saturate the color by 10%, you get **81.5650, 74.8622, 98.7566**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

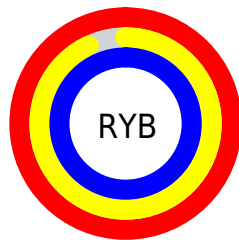
Distribution



Red (100%)

Green (93%)

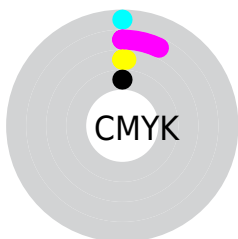
Blue (99%)



Red (100%)

Yellow (93%)

Blue (99%)

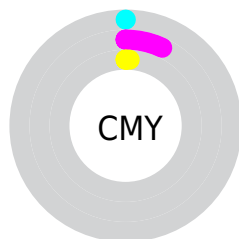


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.0949, 88.8566, 104.5507 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 89.0949, 88.8566, 104.5507 by changing the saturation by 10% instead.

89.0949, 88.8566,
104.5507

89.0949, 88.8566,
104.5507

513.3641,
524.3044, 596.0570

67.5640, 67.0327,
79.4684

144.9653,
145.7491, 169.5032

49.8155, 49.1112,
58.7574

180.0355,
181.5866, 210.2105

35.4840, 34.7077,
41.9992

220.3495,
222.8640, 256.9632

24.2042, 23.4378,
28.7751

266.2726,
269.9657, 310.1799

15.6107, 14.9171,
18.6666

318.1703,
323.2763, 370.2790

9.3382, 8.7612,
11.2553

376.4079,

5.0213, 4.5858,

383.1800, 437.6793

6.1225

441.3507,
450.0612, 512.7991

■ 2.2947, 2.0063,
2.8497

■ 0.7919, 0.6111,
1.0184

■ 89.0949, 88.8566,
104.5507

■ 89.0949, 88.8566,
104.5507

■ 81.5650, 74.8622,
98.7566

95.0500, 100.0000,
108.9000

■ 75.0539, 62.8818,
93.3747

■ 69.5163, 52.8244,
88.3907

■ 64.9009, 44.5880,
83.7869

■ 61.1521, 38.0613,
79.5443

■ 58.2079, 33.1204,
75.6417

■ 55.9981, 29.6251,
72.0554

■ 54.4400, 27.4104,
68.7571

■ 53.4284, 26.2657,
65.7113

Harmonies

Analogous

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



87.1022, 88.8566, 110.4579



89.0949, 88.8566, 104.5507



89.8393, 88.8566, 96.8064

Triad

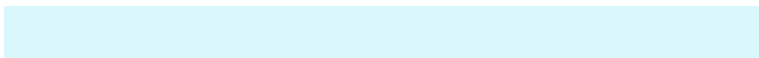
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.0949, 88.8566, 104.5507



84.4753, 88.8566, 82.4196



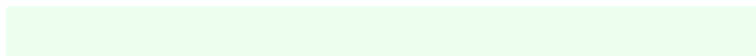
79.9610, 88.8566, 104.4474

Complementary

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



89.0949, 88.8566, 104.5507



86.4158, 95.8170, 96.3813

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.



79.2912, 88.8566, 96.6931



89.0949, 88.8566, 104.5507



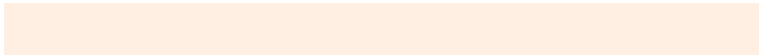
81.8630, 88.8566, 84.2254

Square

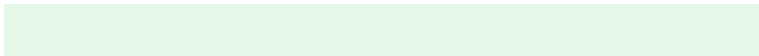
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.0949, 88.8566, 104.5507



87.1372, 88.8566, 84.2771



79.9801, 88.8566, 89.3468



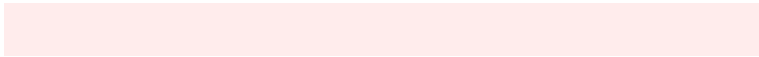
81.8295, 88.8566, 110.3960

Rectangle

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



89.0949, 88.8566, 104.5507



89.5154, 88.8566, 91.7272



79.9801, 88.8566, 89.3468



79.5900, 88.8566, 101.9524

Sweetspot

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



89.0968, 88.8601, 104.5526



93.3080, 96.7345, 107.6458



84.1709, 86.2654, 106.8223



19.9900, 20.7394, 23.0538



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.



89.0968, 88.8601, 104.5526



88.3414, 87.4508, 103.9877



87.7495, 88.3212, 97.4575



18.6550, 18.2453, 22.0665



27.8400, 13.6253, 34.1374



2.7437, 1.3398, 3.4975

Inverse Universe

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



89.0968, 88.8601, 104.5526



88.3414, 87.4508, 103.9877



87.7394, 96.3465, 103.3514



18.6550, 18.2453, 22.0665



27.8400, 13.6253, 34.1374



2.7437, 1.3398, 3.4975

Previews

White Background



This preview shows how the XYZ color 89.0949, 88.8566, 104.5507 looks on a white background.

Color Contrast Check

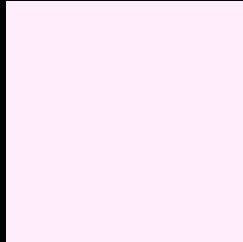
Large Text (above 18pt) WCAG AA × Fail

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 89.0949, 88.8566, 104.5507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

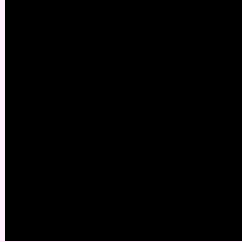
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.0949, 88.8566, 104.5507

Background



This preview shows how black text looks on a background with the XYZ color 89.0949, 88.8566, 104.5507.



This preview shows how white text looks on a background with the XYZ color 89.0949, 88.8566,

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

89.0949, 88.8566, 104.5507

Protanopia

86.3068, 89.1210, 106.4192

Deuteranopia

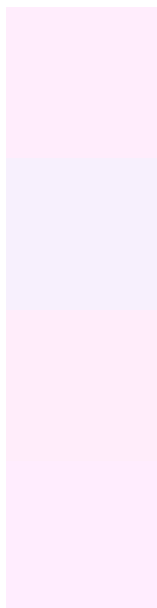
88.6231, 88.6679, 102.0662



Tritanopia

89.5742, 89.0484, 107.0747

Trichromacy



Original Color

89.0949, 88.8566, 104.5507

Protanomaly

87.2475, 89.1862, 105.5447

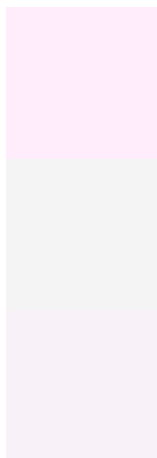
Deuteranomaly

88.7795, 88.7305, 102.8900

Tritanomaly

89.4136, 88.9841, 106.2290

Monochromacy



Original Color

89.0949, 88.8566, 104.5507

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.9552, 89.5825, 100.7038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.0949, 88.8566, 104.5507 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(255, 237, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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(255, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 252) }
```

Border

The CSS property to change the border of an element to XYZ 89.0949, 88.8566, 104.5507 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(255, 237, 252) }
```


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

```
.border{ border-color:rgb(255, 237, 252) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 89.0949, 88.8566, 104.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 252) }
```

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

```
.background{ background-color: rgb(255,  
237, 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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