

# Converting Colors

XYZ(104.5478, 96.4440,  
103.8388)

Have a look what the booklet for  
XYZ(104.5478, 96.4440, 103.8388)  
contains.

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# **Color**

**XYZ(88.4908, 88.1530,  
102.7938)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFECFA
RGB	255, 236, 250
RGB Percent	100%, 93%, 98%
CMY	0.0000, 0.0745, 0.0196
CMYK	0.00, 0.07, 0.02, 0.00
HSL	316°, 100%, 96%
HSV	316°, 7%, 100%
XYZ	88.4908, 88.1530, 102.7938
YIQ	243.2770, 6.8300, 8.3820

# Conversions

## Conversions Part 2

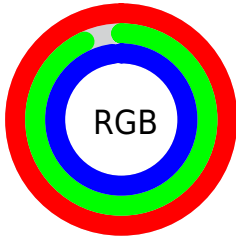
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 236, 250
Decimal	16772346
CIE <sub>Lab</sub>	95.23, 8.81, -4.43
CIE <sub>LCh</sub>	95, 9.861, 333.291
Yxy	88.1530, 0.3167, 0.3155
Android (android.graphics.Color)	4294962426 (0xFFFFEFCFA)
YUV	243.2770, 3.3144, 10.2811
Hunter-Lab	93.8898, 3.9284, 0.8102

# Details

The XYZ color **88.4908, 88.1530, 102.7938** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.2318, 95.7050, 97.1504**, and the grayscale version is **85.3843, 89.8310, 97.8259**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3476, 48.5433, 57.8078** is the 20% darker color. If you saturate the color by 10%, you get **80.6334, 74.0920, 95.0762**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

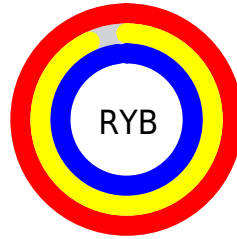
# Distribution



Red (100%)

Green (93%)

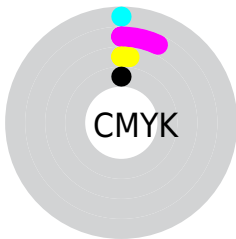
Blue (98%)



Red (100%)

Yellow (93%)

Blue (98%)

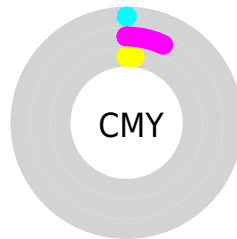


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4908, 88.1530, 102.7938 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 88.4908, 88.1530, 102.7938 by changing the saturation by 10% instead.




 88.4908, 88.1530,  
102.7938

 88.4908, 88.1530,  
102.7938


511.4205,  
522.0041, 590.4362

 67.0618, 66.4498,  
78.0060


144.1293,  
144.7701, 167.0765

 49.4057, 48.6376,  
57.5624


179.0695,  
180.4529, 207.4084

 35.1573, 34.3321,  
41.0446


219.2440,  
221.5642, 253.7588

 23.9511, 23.1488,  
28.0340

265.0184,  
268.4886, 306.5461

 15.4219, 14.7035,  
18.1120

316.7578,  
321.6104, 366.1890

 9.2043, 8.6115,  
10.8601

374.8278,

 4.9328, 4.4887,

381.3140, 433.1060

5.8599

439.5936,  
447.9838, 507.7155

■ 2.2423, 1.9505,  
2.6927

■ 0.7649, 0.5785,  
0.9397

■ 88.4908, 88.1530,  
102.7938

■ 88.4908, 88.1530,  
102.7938

■ 80.6334, 74.0920,  
95.0762

95.0500, 100.0000,  
108.9000

■ 73.8151, 62.0503,  
87.8865

■ 67.9901, 51.9365,  
81.2089

■ 63.1068, 43.6482,  
75.0242

■ 59.1090, 37.0733,  
69.3115

■ 55.9341, 32.0876,  
64.0482

■ 53.5112, 28.5497,  
59.2084

■ 51.7568, 26.2934,  
54.7622

■ 50.5621, 25.1018,  
50.6713

# Harmonies

## Analogous

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



86.6569, 88.1530, 108.9005



88.4908, 88.1530, 102.7938



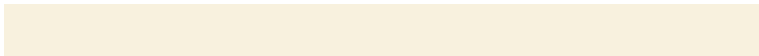
89.0553, 88.1530, 95.1360

# Triad

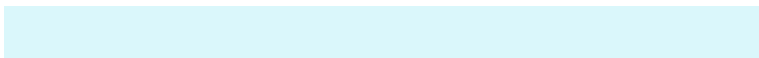
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4908, 88.1530, 102.7938



83.4903, 88.1530, 81.9467



79.5389, 88.1530, 104.3429

# Complementary

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



88.4908, 88.1530, 102.7938



86.2318, 95.7050, 97.1504

# 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.



78.7303, 88.1530, 96.8363



88.4908, 88.1530, 102.7938



80.9807, 88.1530, 84.1308

# Square

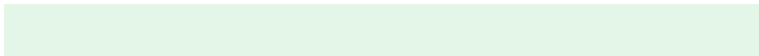
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4908, 88.1530, 102.7938



86.1321, 88.1530, 83.3545



79.2525, 88.1530, 89.4811



81.4844, 88.1530, 109.8280

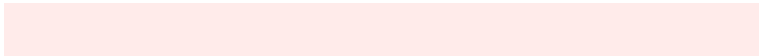


# Rectangle

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



88.4908, 88.1530, 102.7938



88.6260, 88.1530, 90.2469



79.2525, 88.1530, 89.4811



79.1270, 88.1530, 101.9584

# Sweetspot

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



88.4927, 88.1565, 102.7957



93.2292, 96.7029, 107.2308



84.2390, 85.8718, 106.7428



19.9740, 20.7329, 22.9694



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.



88.4927, 88.1565, 102.7957



87.2034, 85.8385, 101.5627



87.0776, 87.5905, 95.3440



18.5766, 18.2139, 21.6534



26.3507, 13.0296, 26.2951



2.6107, 1.2867, 2.7973



# Inverse Universe

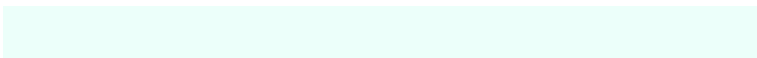
The Inverse Universe completely reimagines the original color for something new.



88.4927, 88.1565, 102.7957



87.2034, 85.8385, 101.5627



87.6488, 96.2718, 104.6121



18.5766, 18.2139, 21.6534



26.3507, 13.0296, 26.2951



2.6107, 1.2867, 2.7973



# Previews

## White Background



This preview shows how the XYZ color 88.4908, 88.1530, 102.7938 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

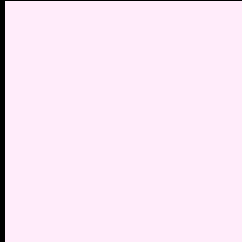
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.4908, 88.1530, 102.7938 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

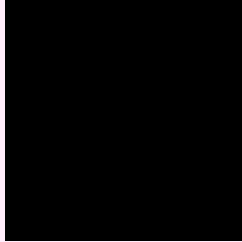
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 88.4908, 88.1530, 102.7938

## Background



This preview shows how black text looks on a background with the XYZ color 88.4908, 88.1530, 102.7938.



This preview shows how white text looks on a background with the XYZ color 88.4908, 88.1530,



# 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

88.4908, 88.1530, 102.7938

### Protanopia

85.3487, 88.2257, 104.6264

### Deuteranopia

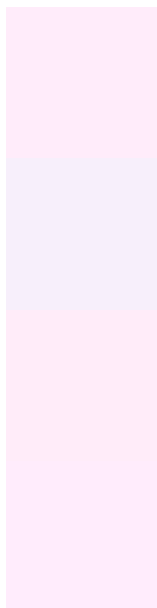
88.1787, 88.0282, 101.1506



## Tritanopia

88.9651, 88.3428, 105.2914

# Trichromacy



## Original Color

88.4908, 88.1530, 102.7938

## Protanomaly

86.6369, 88.4722, 103.7774

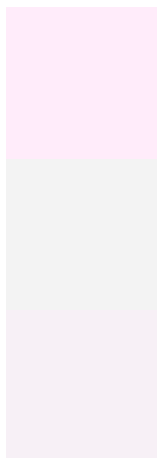
## Deuteranomaly

88.3343, 88.0905, 101.9700

## Tritanomaly

88.8061, 88.2792, 104.4545

# Monochromacy



## Original Color

88.4908, 88.1530, 102.7938

## Achromatopsia

85.1904, 89.6269, 97.6037

## Achromatomaly

86.1524, 88.7482, 99.7782

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.4908, 88.1530, 102.7938 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, 236, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 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(255, 236, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 88.4908, 88.1530, 102.7938 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, 236, 250) }
```



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

```
.border{ border-color:rgb(255, 236, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.4908, 88.1530, 102.7938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 250) }
```

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

```
.background{ background-color: rgb(255,  
236, 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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