

# Converting Colors

XYZ(88.0580, 92.3028, 89.5962)

Have a look what the booklet for  
XYZ(88.0580, 92.3028, 89.5962)  
contains.

**XYZ(88.0909, 92.2018, 89.4978) ..... 3**  
***Conversions* ..... 4**  
***Details* ..... 6**  
***Harmonies* ..... 12**  
***Previews* ..... 24**  
***Color Blindness Simulation* ..... 28**  
***CSS Examples* ..... 31**

# **Color**

**XYZ(88.0909, 92.2018,  
89.4978)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF5E8
RGB	254, 245, 232
RGB Percent	100%, 96%, 91%
CMY	0.0039, 0.0392, 0.0902
CMYK	0.00, 0.04, 0.09, 0.00
HSL	35°, 92%, 95%
HSV	35°, 9%, 100%
XYZ	88.0909, 92.2018, 89.4978
YIQ	246.2090, 9.5370, -2.1350

# Conversions

## Conversions Part 2

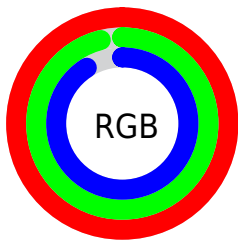
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 254, 232
Decimal	16709096
CIE Lab	96.90, 0.84, 7.31
CIE LCh	97, 7.361, 83.429
Yxy	92.2018, 0.3265, 0.3418
Android (android.graphics.Color)	4294899176 (0xFFFEF5E8)
YUV	246.2090, -7.0050, 6.8327
Hunter-Lab	96.0218, -4.2812, 11.9536

# Details

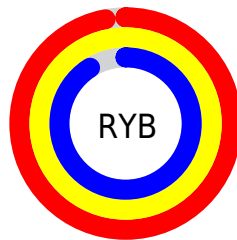
The XYZ color **88.0909, 92.2018, 89.4978** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6232, 87.2206, 106.2474**, and the grayscale version is **87.8181, 92.3915, 100.6144**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0600, 51.4001, 48.4098** is the 20% darker color. If you saturate the color by 10%, you get **81.6871, 84.7562, 70.8307**, and if you desaturate by 10%, it is **94.6834, 99.8110, 108.8828**.

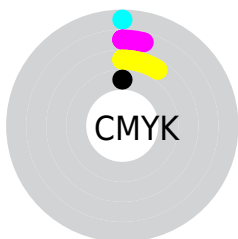
# Distribution



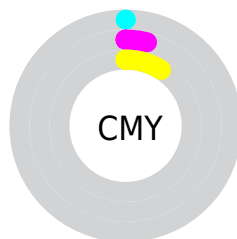
- Red (100%)
- Green (96%)
- Blue (91%)



- Red (97%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.0909, 92.2018, 89.4978 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 88.0909, 92.2018, 89.4978 by changing the saturation by 10% instead.



88.0909, 92.2018,  
89.4978

88.0909, 92.2018,  
89.4978

510.1318,  
535.1675, 546.9237

66.7294, 69.8083,  
66.9928

143.5756,  
150.3931, 148.5700

49.1346, 51.3702,  
48.6172

178.4295,  
186.9595, 185.9744

34.9413, 36.5033,  
33.9525

218.5115,  
229.0191, 229.1823

23.7839, 24.8232,  
22.5800

264.1871,  
276.9562, 278.6122

15.2973, 15.9454,  
14.0813

315.8216,  
331.1552, 334.6828

9.1160, 9.4855,  
8.0379

373.7803,

4.8746, 5.0592,

392.0005, 397.8126

4.0311

438.4286,  
459.8765, 468.4201

■ 2.2079, 2.2820,  
1.6424

■ 0.7469, 0.7642,  
0.3208

■ 88.0909, 92.2018,  
89.4978

■ 88.0909, 92.2018,  
89.4978

■ 81.6871, 84.7562,  
70.8307

94.6834, 99.8110,  
108.8828

■ 75.9535, 77.8533,  
54.8486

■ 70.8659, 71.4816,  
41.4267

■ 66.3954, 65.6249,  
30.4281

■ 62.5106, 60.2656,  
21.7027

■ 59.1769, 55.3848,  
15.0838

■ 56.3551, 50.9615,  
10.3812

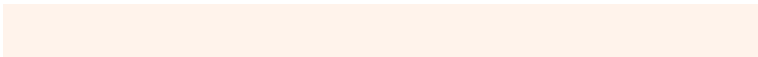
■ 53.9994, 46.9719,  
7.3700

■ 52.0452, 43.3848,  
5.7287

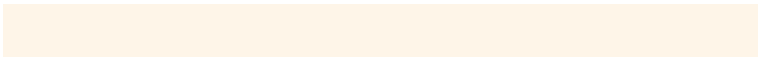
# Harmonies

## Analogous

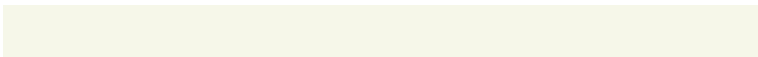
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0258, 92.2018, 91.5205



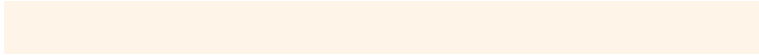
88.0909, 92.2018, 89.4978



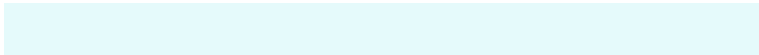
86.0634, 92.2018, 90.3006

# Triad

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



88.0909, 92.2018, 89.4978



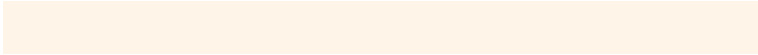
84.0367, 92.2018, 104.9888



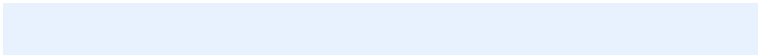
90.8677, 92.2018, 107.3318

# Complementary

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



88.0909, 92.2018, 89.4978



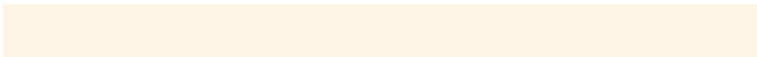
82.6232, 87.2206, 106.2474

# Split Complementary

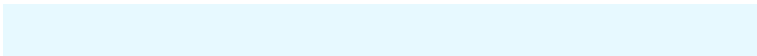
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2257, 92.2018, 111.2087



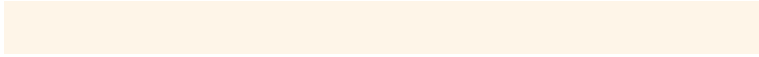
88.0909, 92.2018, 89.4978



85.2870, 92.2018, 109.8192

# Square

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



88.0909, 92.2018, 89.4978



83.7436, 92.2018, 99.0944



87.1808, 92.2018, 112.1364

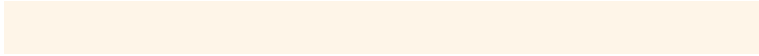


91.6452, 92.2018, 101.7010



# Rectangle

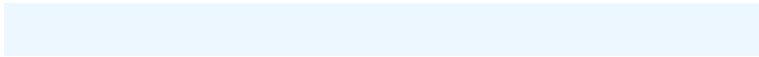
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0909, 92.2018, 89.4978



84.9296, 92.2018, 92.3463



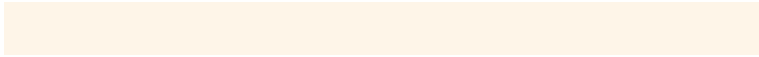
87.1808, 92.2018, 112.1364



90.3973, 92.2018, 108.8922

# Sweetspot

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



88.0934, 92.2058, 89.4998



92.8528, 97.5375, 102.2119



85.6329, 85.1462, 95.2724



19.7510, 20.7381, 21.5044



0.0000, 0.0000, 0.0000

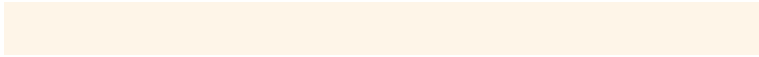


20.3446, 21.4041, 23.3091

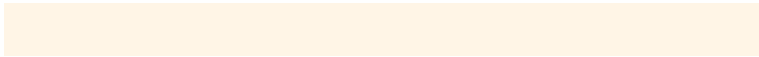


# Same Dimension

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



88.0934, 92.2058, 89.4998



87.9764, 91.9922, 87.6147



90.2136, 97.4374, 90.3978



18.9020, 19.7722, 18.9645



27.4598, 22.9307, 2.9788

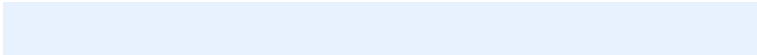


2.7812, 2.4477, 0.3259

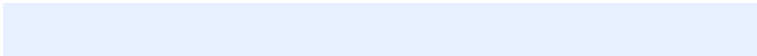


# Inverse Universe

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



82.6232, 87.2206, 106.2474



81.6613, 86.2372, 106.9492



80.6243, 82.3346, 105.4096



17.6129, 18.5974, 22.9113



12.1700, 9.2495, 50.5785

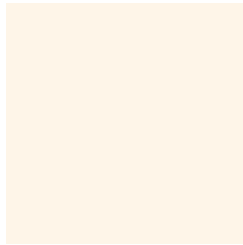


1.2892, 1.1090, 4.9594



# Previews

## White Background



This preview shows how the XYZ color 88.0909, 92.2018, 89.4978 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

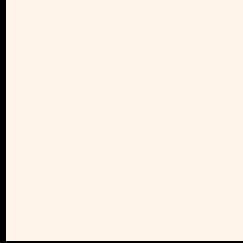
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.0909, 92.2018, 89.4978 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

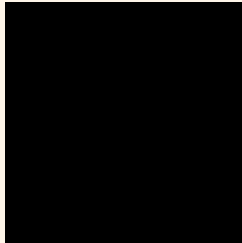
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 88.0909, 92.2018, 89.4978**

## **Background**



This preview shows how black text looks on a background with the XYZ color 88.0909, 92.2018, 89.4978.



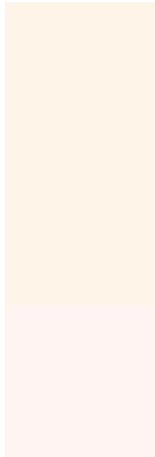
This preview shows how white text looks on a background with the XYZ color 88.0909, 92.2018,

89.4978.

# 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

88.0909, 92.2018, 89.4978

### Protanopia

88.0909, 92.2018, 89.4978

### Deuteranopia

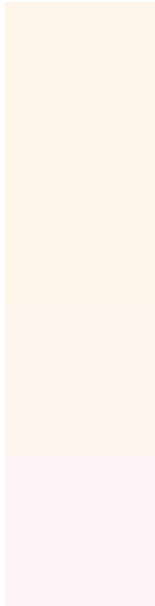
89.6177, 92.3722, 97.1107



## Tritanopia

90.9736, 92.3920, 107.6464

# Trichromacy



## Original Color

88.0909, 92.2018, 89.4978

## Protanomaly

88.0909, 92.2018, 89.4978

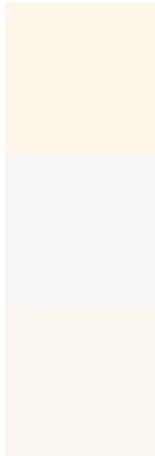
## Deuteranomaly

89.0233, 92.1344, 93.9806

## Tritanomaly

90.0122, 92.4876, 101.1034

# Monochromacy



## Original Color

88.0909, 92.2018, 89.4978

## Achromatopsia

87.5964, 92.1582, 100.3603

## Achromatomaly

87.8999, 92.4021, 96.4217

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.0909, 92.2018, 89.4978 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(254, 245, 232) looks like.

```
.text, #text, p{  
    color:rgb(254, 245, 232)  
}
```

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(254, 245, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 245, 232) }
```

## Border

The CSS property to change the border of an element to XYZ 88.0909, 92.2018, 89.4978 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(254, 245, 232) }
```



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

```
.border{ border-color:rgb(254, 245, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 245, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 245, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 245, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 245,  
232) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.0909, 92.2018, 89.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 245, 232) }
```

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

```
.background{ background-color: rgb(254,  
245, 232) }
```

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