

Converting Colors

XYZ(88.9104, 93.2847, 89.7008)

Have a look what the booklet for
XYZ(88.9104, 93.2847, 89.7008)
contains.

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Color

**XYZ(88.7613, 92.9977,
89.6161)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6E8
RGB	255, 246, 232
RGB Percent	100%, 96%, 91%
CMY	0.0000, 0.0353, 0.0902
CMYK	0.00, 0.04, 0.09, 0.00
HSL	37°, 100%, 95%
HSV	37°, 9%, 100%
XYZ	88.7613, 92.9977, 89.6161
YIQ	247.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

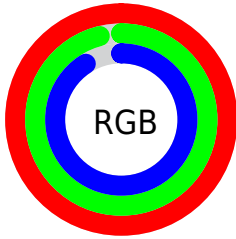
Format	Color
R_{YB}	247, 255, 232
Decimal	16774888
CIE _{Lab}	97.23, 0.68, 7.79
CIE _{LCh}	97, 7.818, 85.013
Yxy	92.9977, 0.3271, 0.3427
Android (android.graphics.Color)	4294964968 (0xFFFFF6E8)
YUV	247.0950, -7.4418, 6.9327
Hunter-Lab	96.4353, -4.4663, 12.4073

Details

The XYZ color **88.7613, 92.9977, 89.6161** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.7834, 87.2842, 107.0921**, and the grayscale version is **88.5402, 93.1512, 101.4417**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5386, 51.9673, 48.4940** is the 20% darker color. If you saturate the color by 10%, you get **82.4468, 85.7510, 70.9189**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

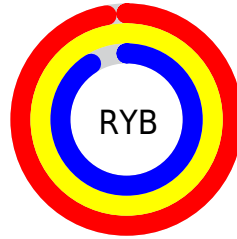
Distribution



Red (100%)

Green (96%)

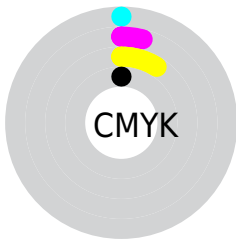
Blue (91%)



Red (97%)

Yellow (100%)

Blue (91%)

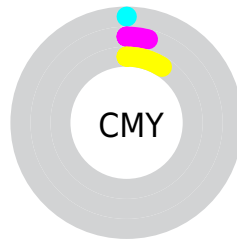


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7613, 92.9977, 89.6161 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 88.7613, 92.9977, 89.6161 by changing the saturation by 10% instead.

88.7613, 92.9977,
89.6161

88.7613, 92.9977,
89.6161

512.2913,
537.7348, 547.3191

67.2866, 70.4696,
67.0904

144.5037,
151.4954, 148.7359

49.5891, 51.9095,
48.6960

179.5021,
188.2338, 186.1670

35.3035, 36.9329,
34.0145

219.7392,
230.4778, 229.4037

24.0644, 25.1556,
22.6273

265.5802,
278.6117, 278.8644

15.5064, 16.1930,
14.1158

317.3906,
333.0200, 334.9678

9.2642, 9.6608,
8.0616

375.5357,

4.9724, 5.1747,

394.0870, 398.1324

4.0461

440.3808,
462.1971, 468.7766

■ 2.2656, 2.3501,
1.6506

■ 0.7770, 0.8000,
0.3266

■ 88.7613, 92.9977,
89.6161

■ 88.7613, 92.9977,
89.6161

■ 82.4468, 85.7510,
70.9189

95.0500, 100.0000,
108.9000

■ 76.7937, 79.0223,
54.9224

■ 71.7773, 72.8008,
41.5007

■ 67.3688, 67.0705,
30.5149

■ 63.5367, 61.8147,
21.8134

■ 60.2465, 57.0148,
15.2271

■ 57.4587, 52.6507,
10.5632

■ 55.1272, 48.6989,
7.5930

■ 53.1850, 45.1280,
5.9793

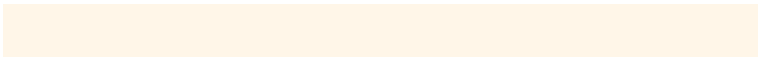
Harmonies

Analogous

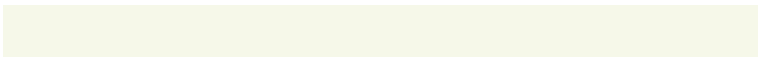
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8497, 92.9977, 91.6149



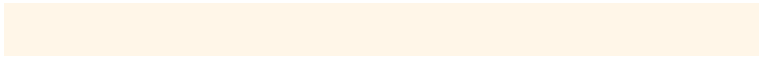
88.7613, 92.9977, 89.6161



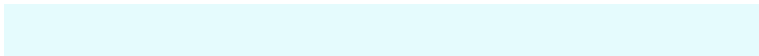
86.6075, 92.9977, 90.6292

Triad

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



88.7613, 92.9977, 89.6161



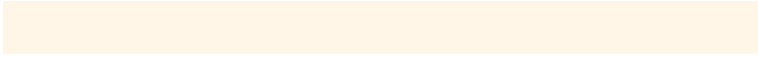
84.5976, 92.9977, 106.4903



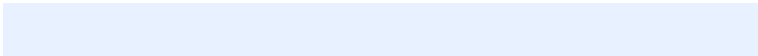
91.9177, 92.9977, 108.3958

Complementary

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



88.7613, 92.9977, 89.6161



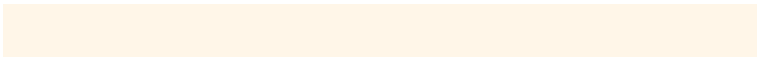
82.7834, 87.2842, 107.0921

Split Complementary

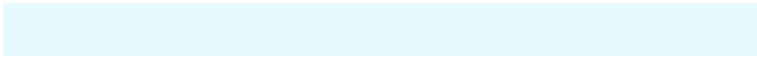
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1999, 92.9977, 112.6884



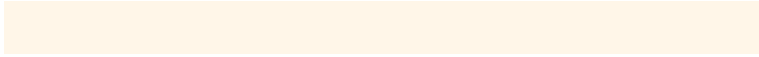
88.7613, 92.9977, 89.6161



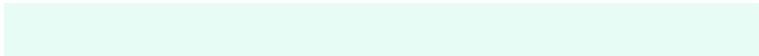
85.9781, 92.9977, 111.5565

Square

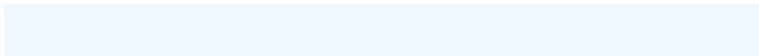
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.7613, 92.9977, 89.6161



84.2269, 92.9977, 100.2048



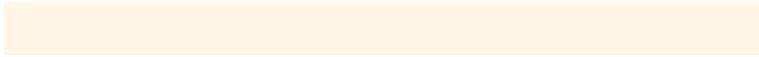
88.0228, 92.9977, 113.8683



92.6913, 92.9977, 102.3199

Rectangle

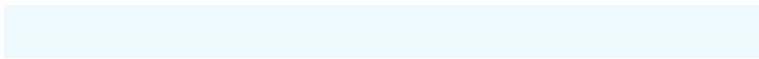
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.7613, 92.9977, 89.6161



85.4210, 92.9977, 92.8994



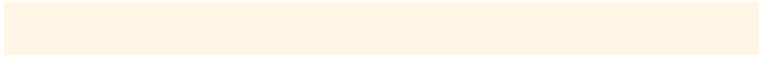
88.0228, 92.9977, 113.8683



91.4301, 92.9977, 110.1050

Sweetspot

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



88.7634, 93.0015, 89.6181



92.8956, 97.6230, 102.2261



86.0044, 85.3372, 95.3155



19.7625, 20.7612, 21.5083



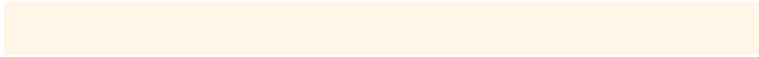
0.0000, 0.0000, 0.0000



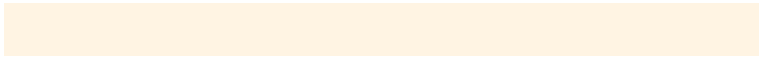
20.3446, 21.4041, 23.3091

Same Dimension

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



88.7634, 93.0015, 89.6181



87.4581, 91.5230, 85.6930



90.7247, 98.1727, 90.5128



18.9300, 19.8282, 18.9738



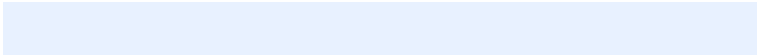
27.8470, 23.7053, 3.1079



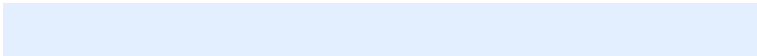
2.8177, 2.5208, 0.3381

Inverse Universe

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



82.7834, 87.2842, 107.0921



80.2639, 84.6450, 106.7155



80.9380, 82.4778, 106.2617



17.5856, 18.5429, 22.9022



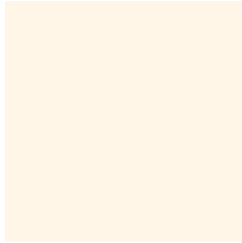
11.9336, 8.7767, 50.4997



1.2645, 1.0596, 4.9512

Previews

White Background



This preview shows how the XYZ color 88.7613, 92.9977, 89.6161 looks on a white background.

Color Contrast Check

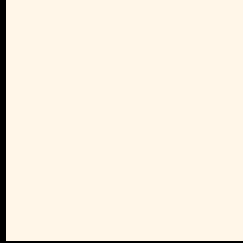
Large Text (above 18pt) WCAG AA × Fail

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 88.7613, 92.9977, 89.6161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

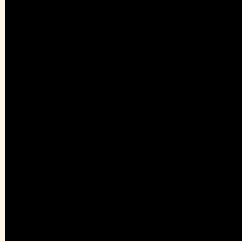
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.7613, 92.9977, 89.6161

Background



This preview shows how black text looks on a background with the XYZ color 88.7613, 92.9977, 89.6161.

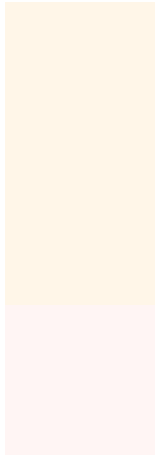


This preview shows how white text looks on a background with the XYZ color 88.7613, 92.9977,

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

88.7613, 92.9977, 89.6161

Protanopia

88.7613, 92.9977, 89.6161

Deuteranopia

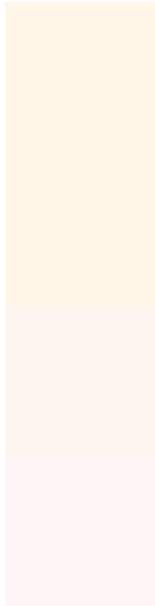
90.2215, 93.0965, 98.8022



Tritanopia

91.2737, 92.9922, 107.7464

Trichromacy



Original Color

88.7613, 92.9977, 89.6161

Protanomaly

88.7613, 92.9977, 89.6161

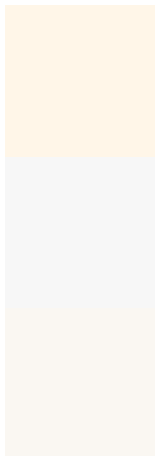
Deuteranomaly

89.6206, 92.8561, 95.6376

Tritanomaly

90.3140, 93.0910, 101.2040

Monochromacy



Original Color

88.7613, 92.9977, 89.6161

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.7121, 93.2563, 97.3290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7613, 92.9977, 89.6161 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, 246, 232) looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 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(255, 246, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 232) }
```

Border

The CSS property to change the border of an element to XYZ 88.7613, 92.9977, 89.6161 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, 246, 232) }
```


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

```
.border{ border-color:rgb(255, 246, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7613, 92.9977, 89.6161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 232) }
```

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

```
.background{ background-color: rgb(255,  
246, 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](#).

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