

Converting Colors

XYZ(81.0938, 88.0690, 72.4029)

Have a look what the booklet for
XYZ(81.0938, 88.0690, 72.4029)
contains.

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Color

**XYZ(81.0919, 88.0677,
72.3993)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F3D0
RGB	245, 243, 208
RGB Percent	96%, 95%, 82%
CMY	0.0392, 0.0470, 0.1843
CMYK	0.00, 0.01, 0.15, 0.04
HSL	57°, 65%, 89%
HSV	57°, 15%, 96%
XYZ	81.0919, 88.0677, 72.3993
YIQ	239.6080, 12.4270, -10.4610

Conversions

Conversions Part 2

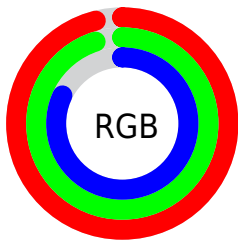
Format	Color
R_{YB}	210, 245, 208
Decimal	16118736
CIE _{Lab}	95.19, -5.04, 17.14
CIE _{LCh}	95, 17.868, 106.388
Yxy	88.0677, 0.3357, 0.3646
Android (android.graphics.Color)	4294308816 (0xFFFF5F3D0)
YUV	239.6080, -15.5827, 4.7288
Hunter-Lab	93.8444, -9.9840, 19.9499

Details

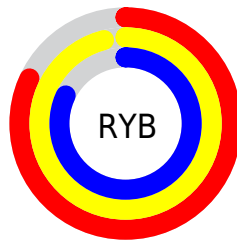
The XYZ color **81.0919, 88.0677, 72.3993** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.5403, 66.0943, 95.6899**, and the grayscale version is **82.6311, 86.9343, 94.6715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5893, 48.6926, 37.6203** is the 20% darker color. If you saturate the color by 10%, you get **77.9146, 86.1695, 57.6000**, and if you desaturate by 10%, it is **84.7425, 90.1656, 89.6557**.

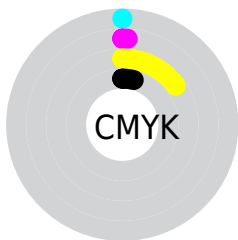
Distribution



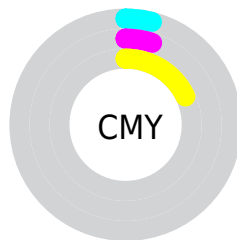
- Red (96%)
- Green (95%)
- Blue (82%)



- Red (82%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0919, 88.0677, 72.3993 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 81.0919, 88.0677, 72.3993 by changing the saturation by 10% instead.

81.0919, 88.0677,
72.3993

81.0919, 88.0677,
72.3993

487.2857,
521.7249, 487.9451

60.9288, 66.3791,
52.9961

133.8423,
144.6514, 124.3371

44.4201, 48.5802,
37.4119

167.1603,
180.3153, 157.7087

31.2002, 34.2866,
25.2283

205.5941,
221.4065, 196.5735

20.9039, 23.1139,
16.0267

249.5088,
268.3093, 241.3502

13.1659, 14.6776,
9.3885

299.2701,
321.4082, 292.4571

7.6206, 8.5934,
4.8952

355.2430,

3.9029, 4.4770,

381.0875, 350.3129

2.1282

417.7931,
447.7316, 415.3360

■ 1.6474, 1.9438,
0.6325

■ 0.4230, 0.5745,
0.0000

■ 81.0919, 88.0677,
72.3993

■ 81.0919, 88.0677,
72.3993

■ 77.9146, 86.1695,
57.6000

■ 84.7425, 90.1656,
89.6557

■ 75.1821, 84.4509,
45.1399


■ 88.5551, 92.3300,
107.7619


■ 72.8739, 82.9064,
34.8999


■ 88.9576, 93.1349,
107.8960


■ 70.9649, 81.5262,
26.7482


■ 89.3629, 93.9454,
108.0311


 69.4275, 80.2992,
20.5393


 89.7710, 94.7618,
108.1672


 68.2304, 79.2127,
16.1086

 90.1820, 95.5838,
108.3042


 67.3372, 78.2524,
13.2647

 90.5959, 96.4116,
108.4421

 66.7033, 77.4002,
11.7720

 91.0127, 97.2452,
108.5811

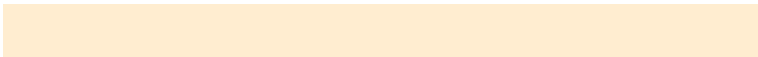
 66.4547, 77.0091,
11.3617

 91.4324, 98.0846,
108.7210

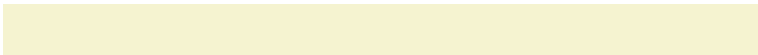
Harmonies

Analogous

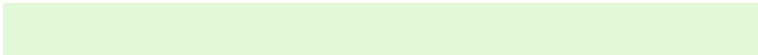
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9284, 88.0677, 72.1208



81.0919, 88.0677, 72.3993



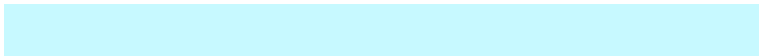
77.1086, 88.0677, 78.5600

Triad

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



81.0919, 88.0677, 72.3993



77.4127, 88.0677, 116.6433



93.1385, 88.0677, 102.3401

Complementary

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



81.0919, 88.0677, 72.3993



65.5403, 66.0943, 95.6899

Split Complementary

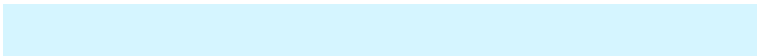
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.6688, 88.0677, 115.5995



81.0919, 88.0677, 72.3993



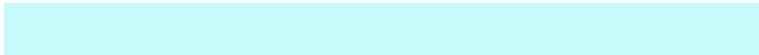
81.5217, 88.0677, 124.3819

Square

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



81.0919, 88.0677, 72.3993



75.0414, 88.0677, 103.6565



86.3751, 88.0677, 123.9824



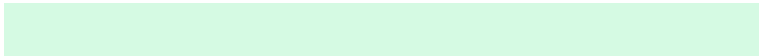
93.0125, 88.0677, 88.5229

Rectangle

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



81.0919, 88.0677, 72.3993



75.4171, 88.0677, 85.5474



86.3751, 88.0677, 123.9824



92.5804, 88.0677, 107.0359

Sweetspot

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



81.0943, 88.0716, 72.4012



92.8457, 98.7681, 98.3721



71.9041, 69.2019, 70.8468



19.8088, 21.1043, 20.7511



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.



81.0943, 88.0716, 72.4012



87.7367, 95.8197, 74.2574



76.3409, 86.5121, 72.3507



17.8337, 19.1514, 17.5542



35.8340, 41.5535, 6.1320



3.1724, 3.6981, 0.5466

Inverse Universe

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



65.5403, 66.0943, 95.6899



67.8100, 67.6644, 104.0943



69.7891, 67.5582, 95.7485



15.6528, 16.0700, 20.8194



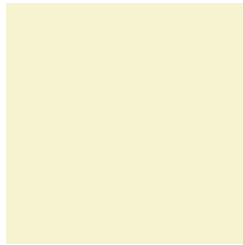
8.9878, 3.7694, 46.7919



0.8147, 0.3808, 4.1208

Previews

White Background



This preview shows how the XYZ color 81.0919, 88.0677, 72.3993 looks on a white background.

Color Contrast Check

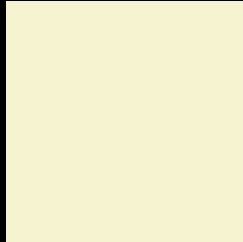
Large Text (above 18pt) WCAG AA × Fail

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 81.0919, 88.0677, 72.3993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

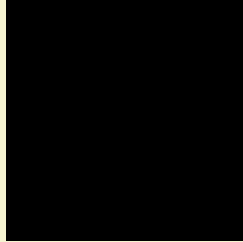
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

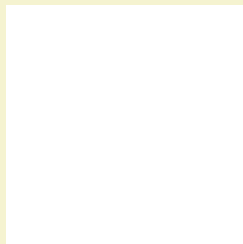
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0919, 88.0677, 72.3993

Background



This preview shows how black text looks on a background with the XYZ color 81.0919, 88.0677, 72.3993.

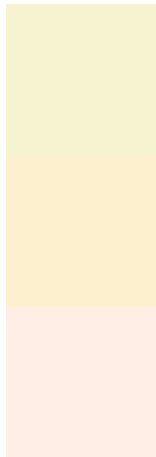


This preview shows how white text looks on a background with the XYZ color 81.0919, 88.0677,

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

81.0919, 88.0677, 72.3993

Protanopia

82.9306, 87.7078, 71.5899

Deuteranopia

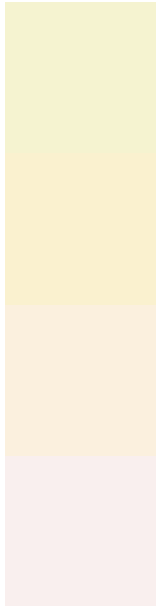
86.0975, 88.1222, 87.3344



Tritanopia

87.8291, 87.7201, 106.9103

Trichromacy



Original Color

81.0919, 88.0677, 72.3993

Protanomaly

82.1421, 87.7396, 71.6376

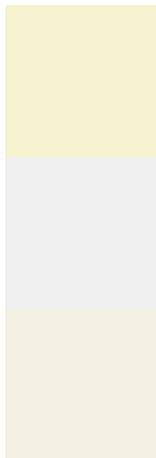
Deuteranomaly

84.1286, 88.1033, 81.6788

Tritanomaly

85.3660, 88.0458, 93.3842

Monochromacy



Original Color

81.0919, 88.0677, 72.3993

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.0768, 87.3893, 85.9407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0919, 88.0677, 72.3993 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(245, 243, 208)` looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 208)  
}
```

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(245, 243, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 208) }
```

Border

The CSS property to change the border of an element to XYZ 81.0919, 88.0677, 72.3993 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(245, 243, 208) }
```


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

```
.border{ border-color:rgb(245, 243, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 243, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 208);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0919, 88.0677, 72.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 208) }
```

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

```
.background{ background-color: rgb(245,  
243, 208) }
```

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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