

Converting Colors

XYZ(82.3769, 88.8275, 68.0620)

Have a look what the booklet for
XYZ(82.3769, 88.8275, 68.0620)
contains.

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Color

**XYZ(82.3769, 88.8275,
68.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF3C9
RGB	251, 243, 201
RGB Percent	98%, 95%, 79%
CMY	0.0157, 0.0470, 0.2118
CMYK	0.00, 0.03, 0.20, 0.02
HSL	50°, 86%, 89%
HSV	50°, 20%, 98%
XYZ	82.3769, 88.8275, 68.0620
YIQ	240.6040, 18.2500, -11.3660

Conversions

Conversions Part 2

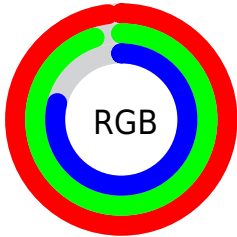
Format	Color
R _Y B	211, 251, 201
Decimal	16511945
CIE Lab	95.51, -3.92, 21.25
CIE LCh	96, 21.609, 100.462
Yxy	88.8275, 0.3443, 0.3712
Android (android.graphics.Color)	4294702025 (0xFFFBF3C9)
YUV	240.6040, -19.5248, 9.1173
Hunter-Lab	94.2483, -8.9183, 23.1572

Details

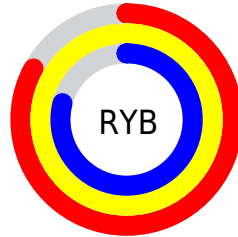
The XYZ color **82.3769, 88.8275, 68.0620** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.3002, 64.9820, 100.4212**, and the grayscale version is **83.4384, 87.7837, 95.5964**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2849, 49.1166, 34.6974** is the 20% darker color. If you saturate the color by 10%, you get **78.4751, 85.3690, 53.3652**, and if you desaturate by 10%, it is **86.7921, 92.5395, 85.3124**.

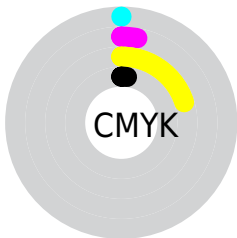
Distribution



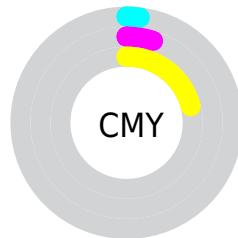
- Red (98%)
- Green (95%)
- Blue (79%)



- Red (83%)
- Yellow (98%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3769, 88.8275, 68.0620 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 82.3769, 88.8275, 68.0620 by changing the saturation by 10% instead.

82.3769, 88.8275,
68.0620

82.3769, 88.8275,
68.0620

491.5229,
524.2093, 472.3197

61.9914, 67.0086,
49.4812

135.6355,
145.7087, 118.0959

45.2813, 49.0916,
34.6330

169.2393,
181.5397, 150.3860

31.8813, 34.6922,
23.0991

207.9799,
222.8103, 188.0830

21.4260, 23.4258,
14.4607

252.2228,
269.9047, 231.6054

13.5500, 14.9083,
8.2994

302.3331,
323.2074, 281.3717

7.8879, 8.7550,
4.1966

358.6764,

4.0745, 4.5817,

383.1029, 337.8005

1.7338

421.6178,
449.9754, 401.3103

■ 1.7444, 2.0040,
0.3837

■ 0.4838, 0.6098,
0.0000

■ 82.3769, 88.8275,
68.0620

■ 82.3769, 88.8275,
68.0620

■ 78.4751, 85.3690,
53.3652

■ 86.7921, 92.5395,
85.3124

■ 75.0563, 82.1423,
41.0930

■ 91.7358, 96.5021,
105.2257

■ 72.0971, 79.1411,
31.1137

■ 93.5939, 99.2494,
108.8319

■ 69.5697, 76.3537,
23.2809

■ 67.4428, 73.7675,
17.4309

■ 65.6807, 71.3678,
13.3769

■ 64.2410, 69.1376,
10.8959

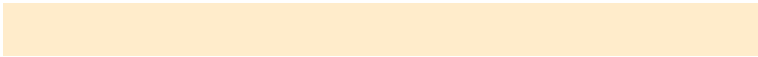
■ 63.0544, 67.0486,
9.6241

■ 63.0453, 67.0322,
9.6157

Harmonies

Analogous

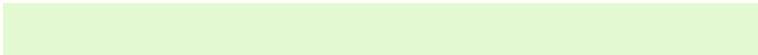
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2936, 88.8275, 69.1241



82.3769, 88.8275, 68.0620



77.2516, 88.8275, 73.9669

Triad

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



82.3769, 88.8275, 68.0620



76.0570, 88.8275, 119.4629



95.6206, 88.8275, 108.0395

Complementary

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



82.3769, 88.8275, 68.0620



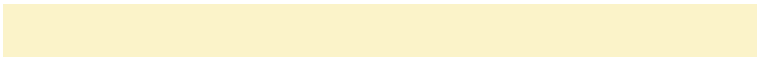
64.3002, 64.9820, 100.4212

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.



92.0353, 88.8275, 123.7129



82.3769, 88.8275, 68.0620



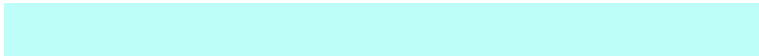
80.6766, 88.8275, 130.8231

Square

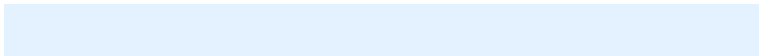
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3769, 88.8275, 68.0620



73.7177, 88.8275, 102.7618



86.5126, 88.8275, 132.4634



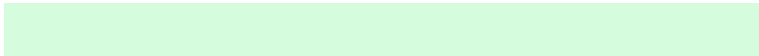
96.1282, 88.8275, 90.9160

Rectangle

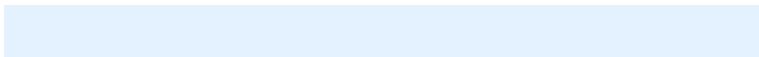
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3769, 88.8275, 68.0620



74.9031, 88.8275, 81.5148



86.5126, 88.8275, 132.4634



94.7277, 88.8275, 113.7031

Sweetspot

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



82.3792, 88.8315, 68.0639



91.9082, 97.5025, 96.1804



72.2212, 66.9036, 69.6466



19.6015, 20.8126, 20.3034



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

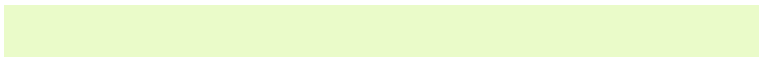
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3792, 88.8315, 68.0639



83.6725, 90.5808, 63.9951



79.0818, 90.7610, 68.6101



18.4772, 19.6903, 18.2891



33.2291, 35.4149, 5.0844



3.1388, 3.4025, 0.4913

Inverse Universe

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



64.3002, 64.9820, 100.4212



61.7413, 61.6518, 103.2536



67.1141, 63.5936, 100.0049



16.5071, 17.0911, 21.8142



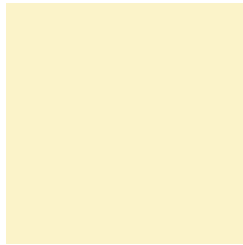
9.6214, 4.5984, 48.3540



0.9539, 0.5515, 4.4994

Previews

White Background



This preview shows how the XYZ color 82.3769, 88.8275, 68.0620 looks on a white background.

Color Contrast Check

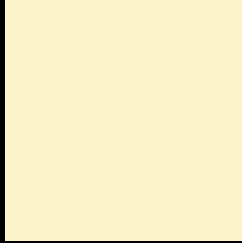
Large Text (above 18pt) WCAG AA × Fail

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 82.3769, 88.8275, 68.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

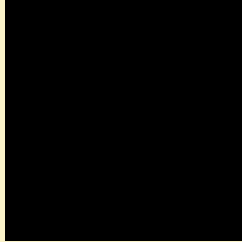
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.3769, 88.8275, 68.0620

Background



This preview shows how black text looks on a background with the XYZ color 82.3769, 88.8275, 68.0620.

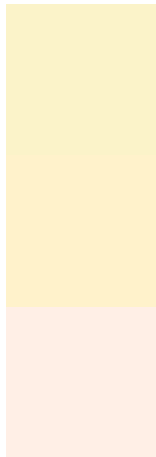


This preview shows how white text looks on a background with the XYZ color 82.3769, 88.8275,

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

82.3769, 88.8275, 68.0620

Protanopia

83.7716, 89.0761, 69.2781

Deuteranopia

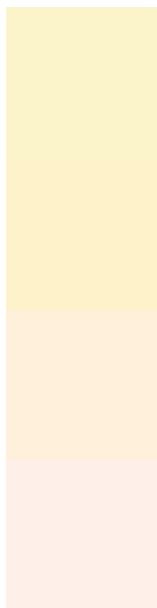
86.3894, 88.7062, 87.4317



Tritanopia

89.0949, 88.8566, 104.5507

Trichromacy



Original Color

82.3769, 88.8275, 68.0620

Protanomaly

83.2859, 88.8394, 68.6352

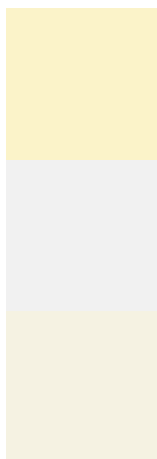
Deuteranomaly

84.8193, 88.5055, 79.6306

Tritanomaly

86.4475, 88.6870, 89.6528

Monochromacy



Original Color

82.3769, 88.8275, 68.0620

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.1358, 88.4077, 84.6342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3769, 88.8275, 68.0620 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(251, 243, 201)` looks like.

```
.text, #text, p{  
    color:rgb(251, 243, 201)  
}
```

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(251, 243, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 243, 201) }
```

Border

The CSS property to change the border of an element to XYZ 82.3769, 88.8275, 68.0620 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(251, 243, 201) }
```


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

```
.border{ border-color:rgb(251, 243, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 243, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 243, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 243, 201);  
box-shadow:4px 4px 4px 4px rgb(251, 243,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3769, 88.8275, 68.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 243, 201) }
```

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

```
.background{ background-color: rgb(251,  
243, 201) }
```

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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