

Converting Colors

XYZ(103.7166, 100.0000,
61.1364)

Have a look what the booklet for
XYZ(103.7166, 100.0000, 61.1364)
contains.

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Color

**XYZ(82.3677, 88.9920,
60.4129)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF3BC
RGB	255, 243, 188
RGB Percent	100%, 95%, 74%
CMY	0.0000, 0.0470, 0.2627
CMYK	0.00, 0.05, 0.26, 0.00
HSL	49°, 100%, 87%
HSV	49°, 26%, 100%
XYZ	82.3677, 88.9920, 60.4129
YIQ	240.3180, 24.8070, -14.5610

Conversions

Conversions Part 2

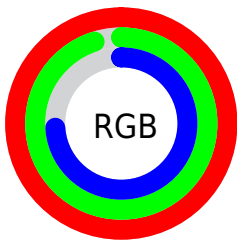
Format	Color
RYB	203, 255, 188
Decimal	16774076
CIELab	95.58, -4.24, 28.03
CIELCh	96, 28.349, 98.598
Yxy	88.9920, 0.3554, 0.3840
Android (android.graphics.Color)	4294964156 (0xFFFFF3BC)
YUV	240.3180, -25.7928, 12.8761
Hunter-Lab	94.3356, -9.2326, 28.0653

Details

The XYZ color **82.3677, 88.9920, 60.4129** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.4429, 59.2183, 102.9050**, and the grayscale version is **83.2576, 87.5935, 95.3893**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **45.3621, 49.2676, 29.6730** is the 20% darker color. If you saturate the color by 10%, you get **78.5096, 85.2930, 46.7422**, and if you desaturate by 10%, it is **86.7498, 92.9611, 76.6566**.

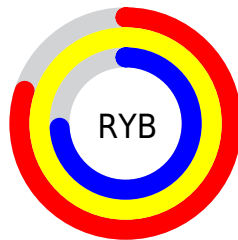
Distribution



Red (100%)

Green (95%)

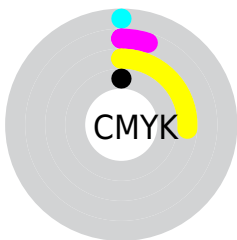
Blue (74%)



Red (80%)

Yellow (100%)

Blue (74%)

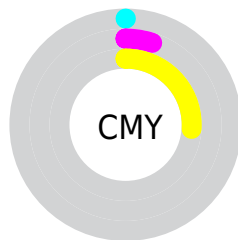


Cyan (0%)

Magenta (5%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3677, 88.9920, 60.4129 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 82.3677, 88.9920, 60.4129 by changing the saturation by 10% instead.

82.3677, 88.9920,
60.4129

82.3677, 88.9920,
60.4129

491.4927,
524.7464, 443.9649

61.9838, 67.1449,
43.3241

135.6227,
145.9374, 106.9776

45.2752, 49.2024,
29.8062

169.2244,
181.8046, 137.2906

31.8764, 34.7801,
19.4407

207.9629,
223.1139, 172.8487

21.4222, 23.4935,
11.8091

252.2034,
270.2497, 214.0704

13.5472, 14.9583,
6.4929

302.3112,
323.5965, 261.3744

7.8860, 8.7901,
3.0734

358.6518,

4.0733, 4.6046,

383.5386, 315.1791

1.1323

421.5905,
450.4604, 375.9031

■ 1.7437, 2.0172,
0.0000

■ 0.4834, 0.6174,
0.0000

■ 82.3677, 88.9920,
60.4129

■ 82.3677, 88.9920,
60.4129

■ 78.5096, 85.2930,
46.7422

■ 86.7498, 92.9611,
76.6566

■ 75.1432, 81.8416,
35.5043

■ 91.6735, 97.1985,
95.5925

■ 72.2426, 78.6301,
26.5538

95.0500, 100.0000,
108.9000

■ 69.7766, 75.6455,
19.7280

■ 67.7099, 72.8735,
14.8422

■ 66.0013, 70.2971,
11.6803

■ 64.5993, 67.8953,
9.9732

■ 64.1267, 67.0334,
9.5589

Harmonies

Analogous

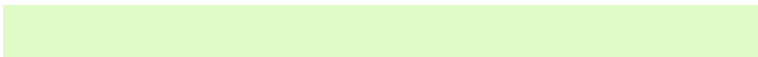
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1607, 88.9920, 62.2354



82.3677, 88.9920, 60.4129



75.5918, 88.9920, 67.1256

Triad

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



82.3677, 88.9920, 60.4129



73.4245, 88.9920, 126.1536



99.2887, 88.9920, 113.3847

Complementary

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



82.3677, 88.9920, 60.4129



59.4429, 59.2183, 102.9050

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.



94.2629, 88.9920, 134.3804



82.3677, 88.9920, 60.4129



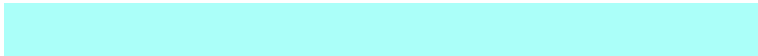
79.2426, 88.9920, 142.5032

Square

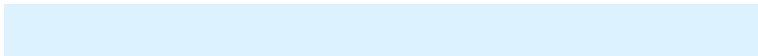
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3677, 88.9920, 60.4129



70.6399, 88.9920, 103.4435



86.8402, 88.9920, 145.7247



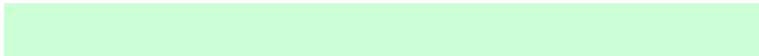
100.2525, 88.9920, 90.6330

Rectangle

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



82.3677, 88.9920, 60.4129



72.4489, 88.9920, 76.2470



86.8402, 88.9920, 145.7247



98.0042, 88.9920, 120.9749

Sweetspot

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



82.3698, 88.9959, 60.4148



90.7837, 96.4471, 92.1259



69.6824, 61.4108, 62.9993



19.2684, 20.5049, 19.0866



0.0000, 0.0000, 0.0000



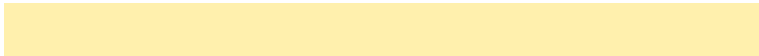
20.3446, 21.4041, 23.3091

Same Dimension

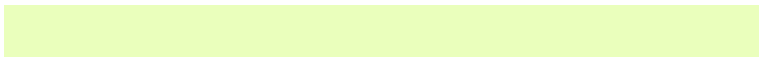
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3698, 88.9959, 60.4148



80.0973, 86.8441, 52.2794



78.6982, 92.6068, 61.3053



19.2684, 20.5049, 19.0866



33.6080, 35.2273, 5.0282



3.3413, 3.5679, 0.5126

Inverse Universe

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



59.4429, 59.2183, 102.9050



53.3570, 52.1196, 101.8556



62.3900, 56.7745, 102.2780



17.2659, 17.9034, 22.7956



10.0103, 4.9302, 49.8586



1.0428, 0.6162, 4.8773

Previews

White Background



This preview shows how the XYZ color 82.3677, 88.9920, 60.4129 looks on a white background.

Color Contrast Check

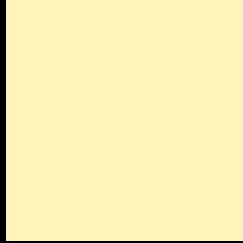
Large Text (above 18pt) WCAG AA × Fail

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 82.3677, 88.9920, 60.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

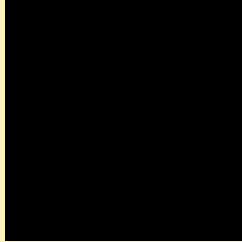
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.3677, 88.9920, 60.4129

Background



This preview shows how black text looks on a background with the XYZ color 82.3677, 88.9920, 60.4129.

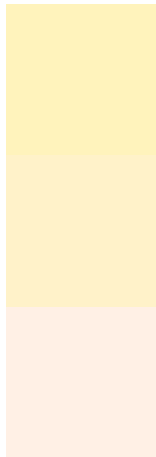


This preview shows how white text looks on a background with the XYZ color 82.3677, 88.9920,

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

82.3677, 88.9920, 60.4129

Protanopia

83.5347, 88.9813, 68.0307

Deuteranopia

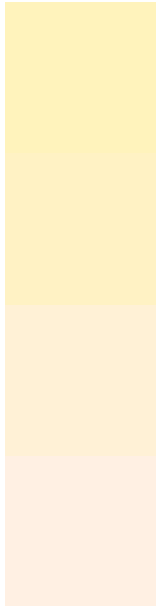
86.5429, 89.2373, 86.7920



Tritanopia

88.9134, 89.2486, 102.1630

Trichromacy



Original Color

82.3677, 88.9920, 60.4129

Protanomaly

82.9559, 88.7498, 64.9827

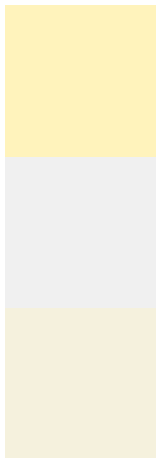
Deuteranomaly

84.8329, 89.0256, 76.3308

Tritanomaly

86.2652, 89.1262, 85.3295

Monochromacy



Original Color

82.3677, 88.9920, 60.4129

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.1626, 87.5435, 80.9738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3677, 88.9920, 60.4129 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, 243, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 188)  
}
```

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, 243, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 188) }
```

Border

The CSS property to change the border of an element to XYZ 82.3677, 88.9920, 60.4129 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, 243, 188) }
```


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

```
.border{ border-color:rgb(255, 243, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3677, 88.9920, 60.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 188) }
```

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

```
.background{ background-color: rgb(255,  
243, 188) }
```

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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