

Converting Colors

XYZ(83.6664, 81.2220, 57.3852)

Have a look what the booklet for
XYZ(83.6664, 81.2220, 57.3852)
contains.

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Color

**XYZ(76.3846, 77.5381,
56.8394)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFB9
RGB	255, 223, 185
RGB Percent	100%, 87%, 73%
CMY	0.0000, 0.1255, 0.2745
CMYK	0.00, 0.13, 0.27, 0.00
HSL	33°, 100%, 86%
HSV	33°, 27%, 100%
XYZ	76.3846, 77.5381, 56.8394
YIQ	228.2360, 31.2700, -5.0340

Conversions

Conversions Part 2

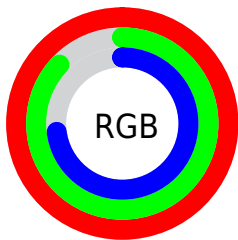
Format	Color
R _Y B	244, 255, 185
Decimal	16768953
CIE _{Lab}	90.57, 5.52, 22.70
CIE _{LCh}	91, 23.362, 76.343
Y _{xy}	77.5381, 0.3624, 0.3679
Android (android.graphics.Color)	4294959033 (0xFFFFDFB9)
YUV	228.2360, -21.3153, 23.4720
Hunter-Lab	88.0557, 0.7437, 23.3677

Details

The XYZ color **76.3846, 77.5381, 56.8394** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.8697, 67.1579, 104.2569**, and the grayscale version is **74.0523, 77.9088, 84.8426**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **41.1934, 41.5415, 27.6770** is the 20% darker color. If you saturate the color by 10%, you get **70.9233, 70.5439, 42.9080**, and if you desaturate by 10%, it is **82.5470, 85.1612, 73.3882**.

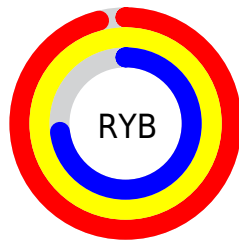
Distribution



Red (100%)

Green (87%)

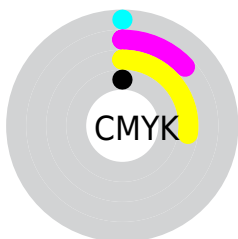
Blue (73%)



Red (96%)

Yellow (100%)

Blue (73%)

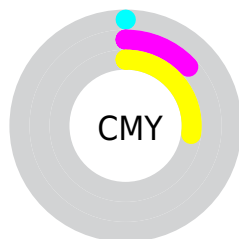


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3846, 77.5381, 56.8394 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 76.3846, 77.5381, 56.8394 by changing the saturation by 10% instead.


 76.3846, 77.5381,
56.8394

 76.3846, 77.5381,
56.8394


471.5874,
486.5967, 430.3241

 57.0461, 57.6946,
40.4678


 127.2479,
129.8988, 101.7288

 41.2825, 41.5632,
27.5869


159.5034,
163.1848, 131.0837

 28.7286, 28.7594,
17.7782


196.7952,
201.7204, 165.6035

 19.0188, 18.8989,
10.6231

239.4888,
245.8900, 205.7067

 11.7880, 11.5972,
5.7030

287.9494,
296.0781, 251.8118

 6.6706, 6.4701,
2.5995

342.5425,

 3.3015, 3.1330,

352.6690, 304.3374

0.8922

403.6334,
416.0471, 363.7020

■ 1.3151, 1.2015,
0.0000

■ 0.1945, 0.0630,
0.0000

■ 76.3846, 77.5381,
56.8394

■ 76.3846, 77.5381,
56.8394

■ 70.9233, 70.5439,
42.9080

■ 82.5470, 85.1612,
73.3882

■ 66.1271, 64.1492,
31.4517

■ 89.4328, 93.4206,
92.6767

■ 61.9655, 58.3373,
22.3221

95.0500, 100.0000,
108.9000

■ 58.4025, 53.0867,
15.3526

■ 55.3977, 48.3736,
10.3541

■ 52.9043, 44.1715,
7.1042

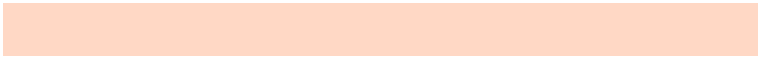
■ 50.8626, 40.4482,
5.3132

■ 50.3930, 39.5659,
4.9810

Harmonies

Analogous

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



81.7361, 77.5381, 63.2041



76.3846, 77.5381, 56.8394



70.5785, 77.5381, 57.1401

Triad

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



76.3846, 77.5381, 56.8394



63.4253, 77.5381, 93.8158



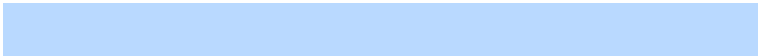
82.1361, 77.5381, 108.6660

Complementary

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



76.3846, 77.5381, 56.8394



62.8697, 67.1579, 104.2569

Split Complementary

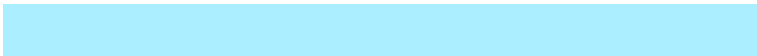
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9073, 77.5381, 119.2526



76.3846, 77.5381, 56.8394



66.2043, 77.5381, 109.9342

Square

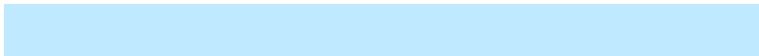
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3846, 77.5381, 56.8394



63.3019, 77.5381, 77.0482



71.0744, 77.5381, 119.7452



85.1734, 77.5381, 92.2599

Rectangle

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



76.3846, 77.5381, 56.8394



67.2326, 77.5381, 61.0519



71.0744, 77.5381, 119.7452



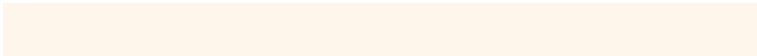
80.5644, 77.5381, 113.1130

Sweetspot

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



76.3865, 77.5416, 56.8410



89.0349, 92.9496, 91.5430



71.2008, 61.0033, 74.1240



18.8266, 19.6213, 18.9394



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.



76.3865, 77.5416, 56.8410



73.2703, 73.5824, 48.7942



84.9039, 95.8430, 59.9246



18.8266, 19.6213, 18.9394



26.4826, 20.9765, 2.6531



2.6878, 2.2610, 0.2948

Inverse Universe

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



62.8697, 67.1579, 104.2569



57.6890, 61.6153, 103.4601



55.9750, 52.5258, 101.7960



17.6870, 18.7456, 22.9360



12.8733, 10.6562, 50.8129



1.3611, 1.2528, 4.9834

Previews

White Background



This preview shows how the XYZ color 76.3846, 77.5381, 56.8394 looks on a white background.

Color Contrast Check

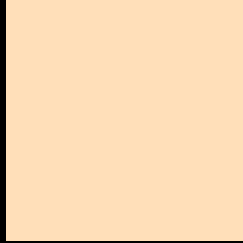
Large Text (above 18pt) WCAG AA × Fail

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 76.3846, 77.5381, 56.8394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

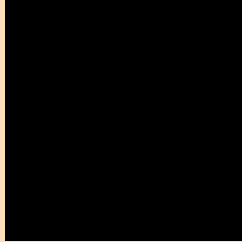
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3846, 77.5381, 56.8394

Background



This preview shows how black text looks on a background with the XYZ color 76.3846, 77.5381, 56.8394.



This preview shows how white text looks on a background with the XYZ color 76.3846, 77.5381,

56.8394.

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

76.3846, 77.5381, 56.8394

Protanopia

72.9887, 77.7754, 58.1790

Deuteranopia

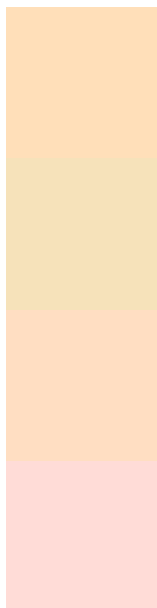
77.6701, 77.6261, 64.9225



Tritanopia

81.1370, 77.7492, 87.0747

Trichromacy



Original Color

76.3846, 77.5381, 56.8394

Protanomaly

74.0653, 77.5307, 57.5156

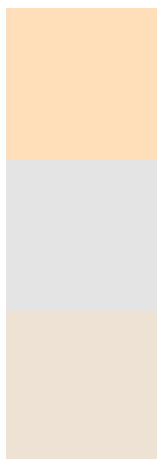
Deuteranomaly

77.0989, 77.3976, 61.9146

Tritanomaly

79.0989, 77.3527, 75.0516

Monochromacy



Original Color

76.3846, 77.5381, 56.8394

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3399, 77.3233, 73.2941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3846, 77.5381, 56.8394 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, 223, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 185)  
}
```

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, 223, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 185) }
```

Border

The CSS property to change the border of an element to XYZ 76.3846, 77.5381, 56.8394 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, 223, 185) }
```


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

```
.border{ border-color:rgb(255, 223, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3846, 77.5381, 56.8394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 185) }
```

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

```
.background{ background-color: rgb(255,  
223, 185) }
```

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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