

# Converting Colors

XYZ(78.6440, 81.1463, 60.3996)

Have a look what the booklet for  
XYZ(78.6440, 81.1463, 60.3996)  
contains.

**XYZ(78.5536, 81.0163, 60.2127) ..... 3**

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# Color

**XYZ(78.5536, 81.0163,  
60.2127)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FFE5BE
RGB	255, 229, 190
RGB Percent	100%, 90%, 75%
CMY	0.0000, 0.1019, 0.2549
CMYK	0.00, 0.10, 0.25, 0.00
HSL	36°, 100%, 87%
HSV	36°, 25%, 100%
XYZ	78.5536, 81.0163, 60.2127
YIQ	232.3280, 28.0150, -6.6170

# Conversions

## Conversions Part 2

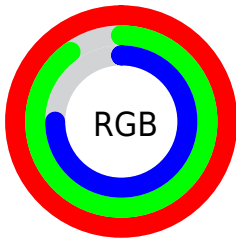
Format	Color
<a href="#">RYB</a>	<a href="#">233, 255, 190</a>
Decimal	<a href="#">16770494</a>
CIELab	<a href="#">92.14, 3.11, 22.28</a>
CIELCh	<a href="#">92, 22.500, 82.063</a>
Yxy	<a href="#">81.0163, 0.3574, 0.3686</a>
Android (android.graphics.Color)	<a href="#">4294960574</a> (0xFFFFE5BE)
YUV	<a href="#">232.3280, -20.8677, 19.8833</a>
Hunter-Lab	<a href="#">90.0091, -1.7335, 23.3435</a>

# Details

The XYZ color **78.5536, 81.0163, 60.2127** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.8404, 67.2769, 104.2287**, and the grayscale version is **77.0859, 81.1004, 88.3183**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **42.8687, 44.0554, 29.5367** is the 20% darker color. If you saturate the color by 10%, you get **73.2678, 74.5216, 45.8826**, and if you desaturate by 10%, it is **84.4966, 88.0447, 77.1695**.

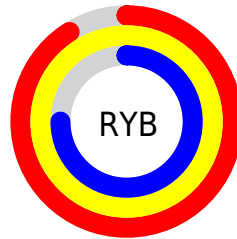
# Distribution



Red (100%)

Green (90%)

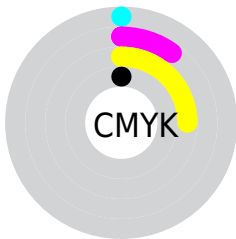
Blue (75%)



Red (91%)

Yellow (100%)

Blue (75%)

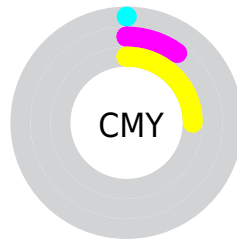


Cyan (0%)

Magenta (10%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (25%)

# Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5536, 81.0163, 60.2127 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 78.5536, 81.0163, 60.2127 by changing the saturation by 10% instead.


 78.5536, 81.0163,  
60.2127

 78.5536, 81.0163,  
60.2127


478.8560,  
498.3513, 443.2077

 58.8332, 60.5550,  
43.1637


 130.2915,  
134.7937, 106.6845

 42.7247, 43.8662,  
29.6812


163.0397,  
168.8785, 136.9445

 29.8628, 30.5653,  
19.3467


200.8612,  
208.2734, 172.4451

 19.8820, 20.2681,  
11.7418

244.1214,  
253.3626, 213.6049

 12.4171, 12.5900,  
6.4477

293.1856,  
304.5306, 260.8426

 7.1026, 7.1469,  
3.0460


348.4192,


 3.5733, 3.5541,


362.1618, 314.5766


1.1182

410.1876,  
426.6406, 375.2254

 1.4637, 1.4274,  
0.0000


 0.3009, 0.2368,  
0.0000


 78.5536, 81.0163,  
60.2127


 78.5536, 81.0163,  
60.2127

 73.2678, 74.5216,  
45.8826


 84.4966, 88.0447,  
77.1695


 68.6054, 68.5342,  
34.0394


 91.1175, 95.6111,  
96.8730


 64.5375, 63.0407,  
24.5379


95.0500, 100.0000,  
108.9000

 61.0307, 58.0229,  
17.2158

 58.0471, 53.4609,  
11.8895

 55.5432, 49.3321,  
8.3450

 53.4657, 45.6101,  
6.3177

 52.6348, 44.0495,  
5.7283

# Harmonies

## Analogous

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



84.0647, 81.0163, 65.3466



78.5536, 81.0163, 60.2127



72.8903, 81.0163, 61.8024

# Triad

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



78.5536, 81.0163, 60.2127



67.1244, 81.0163, 100.7611



86.1374, 81.0163, 109.3397

# Complementary

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



78.5536, 81.0163, 60.2127



63.8404, 67.2769, 104.2287

# 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.



81.2687, 81.0163, 121.2440



78.5536, 81.0163, 60.2127



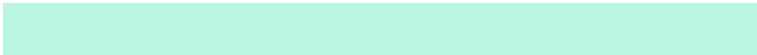
70.3494, 81.0163, 115.8740

# Square

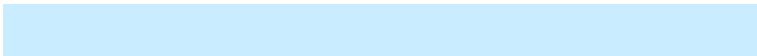
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5536, 81.0163, 60.2127



66.4788, 81.0163, 83.8763



75.4741, 81.0163, 123.7743



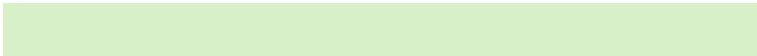
88.5843, 81.0163, 92.6966

# Rectangle

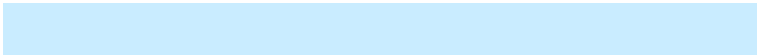
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5536, 81.0163, 60.2127



69.7718, 81.0163, 66.5642



75.4741, 81.0163, 123.7743



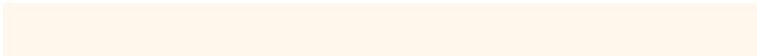
84.7185, 81.0163, 114.1101

# Sweetspot

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



78.5555, 81.0199, 60.2144



89.3900, 93.6598, 91.6614



72.0487, 63.0457, 73.3382



18.9161, 19.8003, 18.9692



0.0000, 0.0000, 0.0000

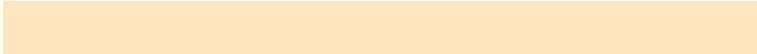


20.3446, 21.4041, 23.3091



# Same Dimension

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



78.5555, 81.0199, 60.2144



75.5626, 77.3748, 52.0006



83.9435, 95.2858, 62.6840



18.9161, 19.8003, 18.9692



27.6529, 23.3170, 3.0432



2.7994, 2.4842, 0.3320



# Inverse Universe

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



63.8404, 67.2769, 104.2287



58.3927, 61.3434, 103.3706



59.3596, 55.8509, 102.2595



17.5992, 18.5699, 22.9067



12.0494, 9.0084, 50.5383



1.2766, 1.0839, 4.9552



# Previews

## White Background



This preview shows how the XYZ color 78.5536, 81.0163, 60.2127 looks on a white background.

## Color Contrast Check

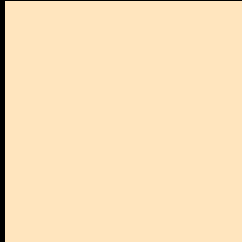
Large Text (above 18pt) WCAG AA × Fail

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 78.5536, 81.0163, 60.2127 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

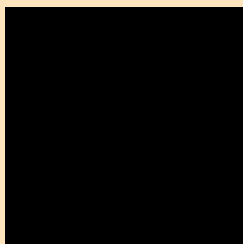
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 78.5536, 81.0163, 60.2127**

## **Background**



This preview shows how black text looks on a background with the XYZ color 78.5536, 81.0163, 60.2127.



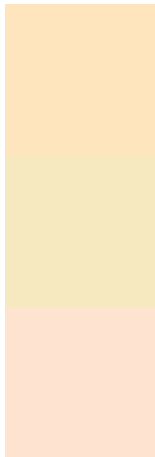
This preview shows how white text looks on a background with the XYZ color 78.5536, 81.0163,



# 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

78.5536, 81.0163, 60.2127

### Protanopia

76.2666, 81.0676, 60.9182

### Deuteranopia

80.2177, 80.8016, 71.6899



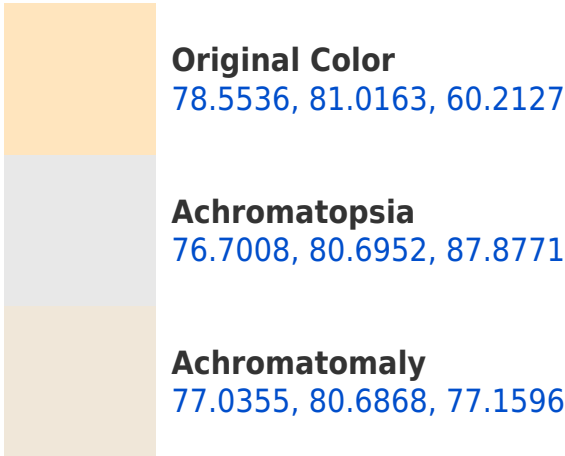
## Tritanopia

83.3283, 80.7444, 92.0823

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 78.5536, 81.0163, 60.2127 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, 229, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 190)  
}
```

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, 229, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 190) }
```

## Border

The CSS property to change the border of an element to XYZ 78.5536, 81.0163, 60.2127 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, 229, 190) }
```

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

```
.border{ border-color:rgb(255, 229, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 229, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
190) }
```

# Background

The CSS property to change the background color of an element to XYZ 78.5536, 81.0163, 60.2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 190) }
```

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

```
.background{ background-color: rgb(255,  
229, 190) }
```

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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