

Converting Colors

XYZ(121.0604, 100.0000,
63.6063)

Have a look what the booklet for
XYZ(121.0604, 100.0000, 63.6063)
contains.

XYZ(76.9869, 77.3528, 61.3250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.9869, 77.3528,
61.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEC1
RGB	255, 222, 193
RGB Percent	100%, 87%, 76%
CMY	0.0000, 0.1294, 0.2431
CMYK	0.00, 0.13, 0.24, 0.00
HSL	28°, 100%, 88%
HSV	28°, 24%, 100%
XYZ	76.9869, 77.3528, 61.3250
YIQ	228.5610, 28.9770, -2.0230

Conversions

Conversions Part 2

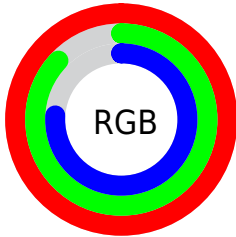
Format	Color
R _Y B	255, 247, 193
Decimal	16768705
CIE Lab	90.48, 7.10, 18.43
CIE LCh	90, 19.747, 68.925
Yxy	77.3528, 0.3570, 0.3587
Android (android.graphics.Color)	4294958785 (0xFFFFDEC1)
YUV	228.5610, -17.5316, 23.1870
Hunter-Lab	87.9504, 2.3357, 20.2243

Details

The XYZ color **76.9869, 77.3528, 61.3250** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.2379, 72.9479, 105.1443**, and the grayscale version is **74.2650, 78.1326, 85.0864**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **41.7676, 41.5073, 30.2364** is the 20% darker color. If you saturate the color by 10%, you get **70.9239, 69.3932, 46.4590**, and if you desaturate by 10%, it is **83.8344, 86.0957, 78.8740**.

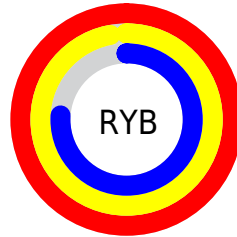
Distribution



Red (100%)

Green (87%)

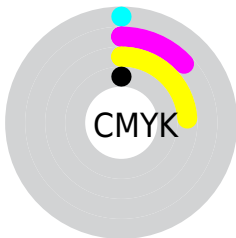
Blue (76%)



Red (100%)

Yellow (97%)

Blue (76%)

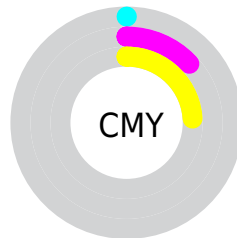


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.9869, 77.3528, 61.3250 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 76.9869, 77.3528, 61.3250 by changing the saturation by 10% instead.


 76.9869, 77.3528,
61.3250

 76.9869, 77.3528,
61.3250


473.6120,
485.9661, 447.4041

 57.5420, 57.5425,
44.0552


 128.0939,
129.6374, 108.3115

 41.6824, 41.4409,
30.3764


160.4868,
162.8804, 138.8653

 29.0427, 28.6638,
19.8700


197.9263,
201.3698, 174.6842

 19.2576, 18.8266,
12.1175

240.7779,
245.4900, 216.1867

 11.9616, 11.5451,
6.7002

289.4069,
295.6253, 263.7915

 6.7896, 6.4347,
3.1997

344.1787,

 3.3760, 3.1112,

352.1601, 317.9169

1.1975

405.4586,
415.4789, 378.9816

■ 1.3556, 1.1900,
0.0000

■ 0.2242, 0.0536,
0.0000

■ 76.9869, 77.3528,
61.3250

■ 76.9869, 77.3528,
61.3250

■ 70.9239, 69.3932,
46.4590

■ 83.8344, 86.0957,
78.8740

■ 65.6076, 62.1830,
34.1365

■ 91.4906, 95.6341,
99.2265

■ 61.0056, 55.7006,
24.2124

95.0500, 100.0000,
108.9000

■ 57.0803, 49.9191,
16.5248

■ 53.7899, 44.8097,
10.8917

■ 51.0867, 40.3405,
7.1016

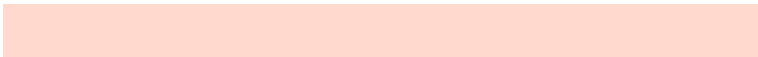
■ 48.9139, 36.4754,
4.8959

■ 47.8721, 34.5243,
4.1407

Harmonies

Analogous

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



81.1538, 77.3528, 68.2767



76.9869, 77.3528, 61.3250



72.0592, 77.3528, 60.1279

Triad

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



76.9869, 77.3528, 61.3250



64.5398, 77.3528, 88.5110



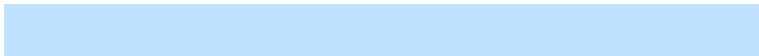
79.6463, 77.3528, 107.1854

Complementary

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



76.9869, 77.3528, 61.3250



67.2379, 72.9479, 105.1443

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.



75.0035, 77.3528, 114.0257



76.9869, 77.3528, 61.3250



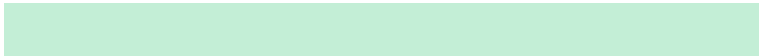
66.3834, 77.3528, 102.4792

Square

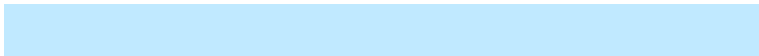
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9869, 77.3528, 61.3250



65.0176, 77.3528, 74.8245



70.1617, 77.3528, 112.2133



82.7364, 77.3528, 94.3795

Rectangle

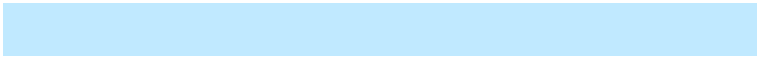
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9869, 77.3528, 61.3250



69.0267, 77.3528, 62.6063



70.1617, 77.3528, 112.2133



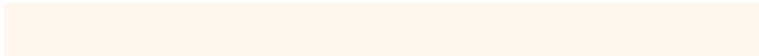
78.2073, 77.3528, 110.3204

Sweetspot

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



76.9888, 77.3562, 61.3266



89.3521, 92.9914, 93.4755



74.0471, 64.8954, 80.6234



19.0240, 19.7787, 19.7372



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.



76.9888, 77.3562, 61.3266



74.0509, 73.5287, 54.0325



85.9701, 95.3188, 64.3204



18.7100, 19.3881, 18.9005



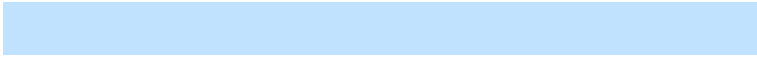
25.1606, 18.3324, 2.2124



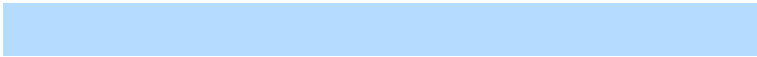
2.5580, 2.0013, 0.2515

Inverse Universe

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



67.2379, 72.9479, 105.1443



62.8172, 68.4486, 104.5088



59.5732, 57.6185, 102.5894



17.8034, 18.9785, 22.9748



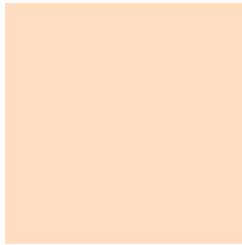
14.1611, 13.2317, 51.2422



1.4882, 1.5071, 5.0257

Previews

White Background



This preview shows how the XYZ color 76.9869, 77.3528, 61.3250 looks on a white background.

Color Contrast Check

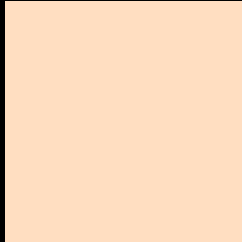
Large Text (above 18pt) WCAG AA × Fail

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 76.9869, 77.3528, 61.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

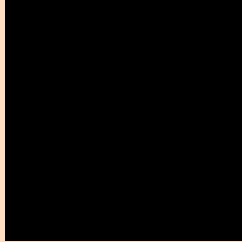
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9869, 77.3528, 61.3250

Background



This preview shows how black text looks on a background with the XYZ color 76.9869, 77.3528, 61.3250.



This preview shows how white text looks on a background with the XYZ color 76.9869, 77.3528,

61.3250.

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

76.9869, 77.3528, 61.3250

Protanopia

73.0295, 77.2744, 63.2909

Deuteranopia

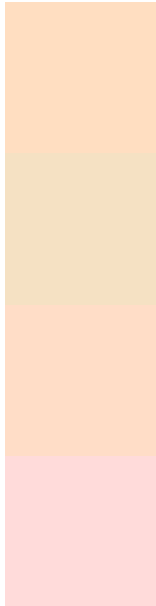
77.7571, 77.2372, 66.6871



Tritanopia

80.8769, 77.2290, 86.9879

Trichromacy



Original Color

76.9869, 77.3528, 61.3250

Protanomaly

74.4317, 77.2030, 62.6085

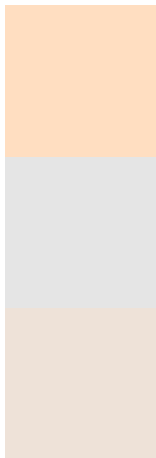
Deuteranomaly

77.4053, 77.0964, 64.8342

Tritanomaly

79.2264, 76.9850, 77.0136

Monochromacy



Original Color

76.9869, 77.3528, 61.3250

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.8509, 77.5277, 75.9850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9869, 77.3528, 61.3250 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, 222, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 193)  
}
```

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, 222, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 193) }
```

Border

The CSS property to change the border of an element to XYZ 76.9869, 77.3528, 61.3250 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, 222, 193) }
```


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

```
.border{ border-color:rgb(255, 222, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9869, 77.3528, 61.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 193) }
```

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

```
.background{ background-color: rgb(255,  
222, 193) }
```

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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