

Converting Colors

XYZ(78.7868, 77.9949, 61.7163)

Have a look what the booklet for
XYZ(78.7868, 77.9949, 61.7163)
contains.

XYZ(76.8341, 76.8679, 61.8263)	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(76.8341, 76.8679,
61.8263)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDC2
RGB	255, 221, 194
RGB Percent	100%, 87%, 76%
CMY	0.0000, 0.1333, 0.2392
CMYK	0.00, 0.13, 0.24, 0.00
HSL	27°, 100%, 88%
HSV	27°, 24%, 100%
XYZ	76.8341, 76.8679, 61.8263
YIQ	228.0880, 28.9310, -1.1890

Conversions

Conversions Part 2

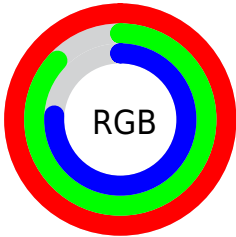
Format	Color
R _Y B	255, 242, 194
Decimal	16768450
CIE Lab	90.26, 7.75, 17.59
CIE LCh	90, 19.225, 66.216
Yxy	76.8679, 0.3565, 0.3566
Android (android.graphics.Color)	4294958530 (0xFFFFDDC2)
YUV	228.0880, -16.8054, 23.6018
Hunter-Lab	87.6743, 2.9998, 19.5618

Details

The XYZ color **76.8341, 76.8679, 61.8263** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0408, 74.1739, 105.3386**, and the grayscale version is **73.9130, 77.7622, 84.6831**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **41.6585, 41.1717, 30.5622** is the 20% darker color. If you saturate the color by 10%, you get **70.6180, 68.6324, 46.8167**, and if you desaturate by 10%, it is **83.8629, 85.9420, 79.5331**.

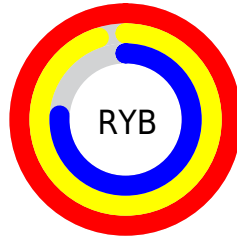
Distribution



Red (100%)

Green (87%)

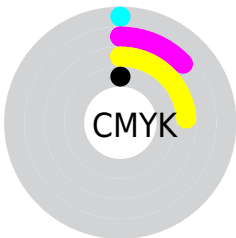
Blue (76%)



Red (100%)

Yellow (95%)

Blue (76%)

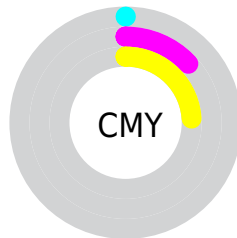


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (13%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8341, 76.8679, 61.8263 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 76.8341, 76.8679, 61.8263 by changing the saturation by 10% instead.


 76.8341, 76.8679,
61.8263

 76.8341, 76.8679,
61.8263


473.0988,
484.3135, 449.2874

 57.4162, 57.1445,
44.4575


127.8794,
128.9530, 109.0436

 41.5809, 41.1212,
30.6905


160.2374,
162.0834, 139.7292

 28.9629, 28.4138,
20.1068


197.6395,
200.4517, 175.6907

 19.1969, 18.6378,
12.2878

240.4511,
244.4421, 217.3468

 11.9175, 11.4089,
6.8151

289.0374,
294.4391, 265.1160

 6.7593, 6.3426,
3.2701

343.7639,

 3.3570, 3.0545,

350.8271, 319.4168

1.2341

404.9960,
413.9904, 380.6677

■ 1.3453, 1.1602,
0.0069

■ 0.2167, 0.0289,
0.0000

■ 76.8341, 76.8679,
61.8263

■ 76.8341, 76.8679,
61.8263

■ 70.6180, 68.6324,
46.8167

■ 83.8629, 85.9420,
79.5331

■ 65.1762, 61.1996,
34.3648

■ 91.7298, 95.8689,
100.0574

■ 60.4752, 54.5457,
24.3257

95.0500, 100.0000,
108.9000

■ 56.4764, 48.6418,
16.5378

■ 53.1368, 43.4565,
10.8195

■ 50.4079, 38.9554,
6.9603

■ 48.2317, 35.0997,
4.7037

■ 47.1329, 33.0458,
3.8943

Harmonies

Analogous

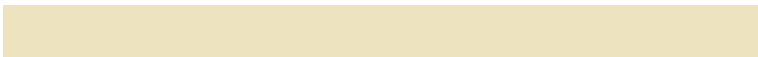
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7375, 76.8679, 69.0737



76.8341, 76.8679, 61.8263



72.0690, 76.8679, 60.1399

Triad

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



76.8341, 76.8679, 61.8263



64.2909, 76.8679, 86.5817



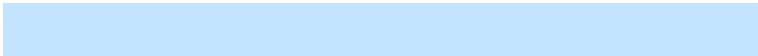
78.6323, 76.8679, 106.8045

Complementary

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



76.8341, 76.8679, 61.8263



68.0408, 74.1739, 105.3386

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.



74.0614, 76.8679, 112.7173



76.8341, 76.8679, 61.8263



65.8865, 76.8679, 100.2489

Square

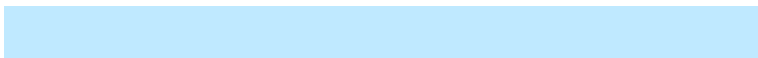
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.8341, 76.8679, 61.8263



64.9610, 76.8679, 73.5134



69.4128, 76.8679, 110.1964



81.8070, 76.8679, 94.7781

Rectangle

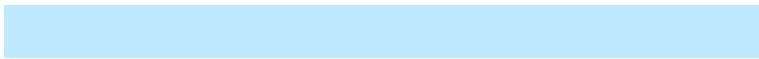
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.8341, 76.8679, 61.8263



69.0713, 76.8679, 62.2134



69.4128, 76.8679, 110.1964



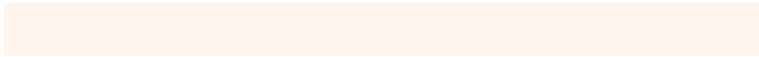
77.2007, 76.8679, 109.6295

Sweetspot

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



76.8359, 76.8713, 61.8279



89.2162, 92.7197, 93.4302



74.6147, 65.4773, 82.5182



18.9925, 19.7158, 19.7268



0.0000, 0.0000, 0.0000



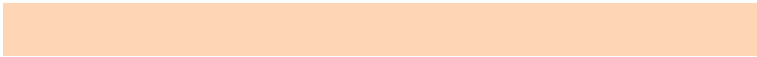
20.3446, 21.4041, 23.3091

Same Dimension

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



76.8359, 76.8713, 61.8279



73.5786, 72.5843, 53.8751



85.4542, 94.1079, 64.7007



18.6712, 19.3106, 18.8876



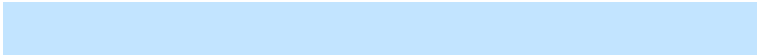
24.7712, 17.5536, 2.0826



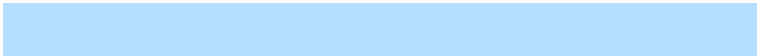
2.5187, 1.9227, 0.2384

Inverse Universe

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



68.0408, 74.1739, 105.3386



63.3086, 69.4315, 104.6726



60.5083, 59.1089, 102.8278



17.8426, 19.0569, 22.9879



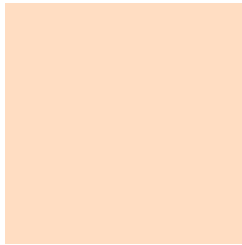
14.6457, 14.2011, 51.4038



1.5350, 1.6007, 5.0413

Previews

White Background



This preview shows how the XYZ color 76.8341, 76.8679, 61.8263 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 76.8341, 76.8679, 61.8263 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 76.8341, 76.8679, 61.8263

Background



This preview shows how black text looks on a background with the XYZ color 76.8341, 76.8679, 61.8263.



This preview shows how white text looks on a background with the XYZ color 76.8341, 76.8679,

61.8263.

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

76.8341, 76.8679, 61.8263

Protanopia

72.8070, 77.1465, 63.8768

Deuteranopia

77.3758, 76.6634, 65.9777



Tritanopia

80.6183, 76.7119, 86.9018

Trichromacy



Original Color

76.8341, 76.8679, 61.8263

Protanomaly

74.1972, 77.0690, 63.1898

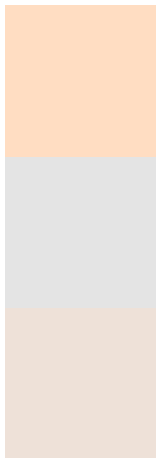
Deuteranomaly

77.0262, 76.5236, 64.1369

Tritanomaly

78.9663, 76.4648, 76.9269

Monochromacy



Original Color

76.8341, 76.8679, 61.8263

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.5798, 76.9854, 75.8946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8341, 76.8679, 61.8263 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, 221, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 194)  
}
```

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, 221, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 194) }
```

Border

The CSS property to change the border of an element to XYZ 76.8341, 76.8679, 61.8263 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, 221, 194) }
```


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

```
.border{ border-color:rgb(255, 221, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8341, 76.8679, 61.8263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 194) }
```

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

```
.background{ background-color: rgb(255,  
221, 194) }
```

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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