

Converting Colors

XYZ(76.7325, 77.0272, 62.1436)

Have a look what the booklet for
XYZ(76.7325, 77.0272, 62.1436)
contains.

XYZ(76.7319, 77.2084, 61.8974) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(76.7319, 77.2084,
61.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDEC2
RGB	254, 222, 194
RGB Percent	100%, 87%, 76%
CMY	0.0039, 0.1294, 0.2392
CMYK	0.00, 0.13, 0.24, 0.00
HSL	28°, 97%, 88%
HSV	28°, 24%, 100%
XYZ	76.7319, 77.2084, 61.8974
YIQ	228.3760, 28.0600, -1.9240

Conversions

Conversions Part 2

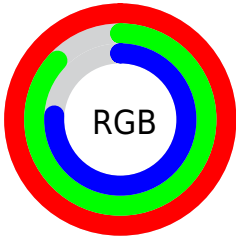
Format	Color
R _Y B	254, 247, 194
Decimal	16703170
CIE Lab	90.42, 6.87, 17.80
CIE LCh	90, 19.080, 68.891
Yxy	77.2084, 0.3555, 0.3577
Android (android.graphics.Color)	4294893250 (0xFFFEDEC2)
YUV	228.3760, -16.9474, 22.4722
Hunter-Lab	87.8683, 2.1074, 19.7419

Details

The XYZ color **76.7319, 77.2084, 61.8974** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.3333, 73.0158, 104.3109**, and the grayscale version is **74.1257, 77.9860, 84.9267**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **41.5783, 41.4012, 30.6108** is the 20% darker color. If you saturate the color by 10%, you get **70.6659, 69.2578, 46.9839**, and if you desaturate by 10%, it is **83.5786, 85.9391, 79.4783**.

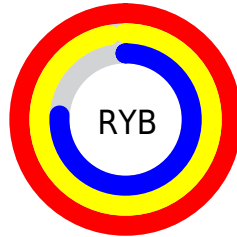
Distribution



Red (100%)

Green (87%)

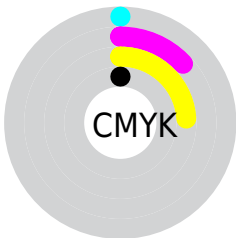
Blue (76%)



Red (100%)

Yellow (97%)

Blue (76%)

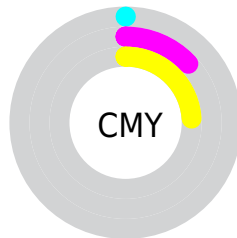


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7319, 77.2084, 61.8974 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 76.7319, 77.2084, 61.8974 by changing the saturation by 10% instead.


 76.7319, 77.2084,
61.8974

 76.7319, 77.2084,
61.8974


472.7554,
485.4743, 449.5541

 57.3320, 57.4239,
44.5145


127.7358,
129.4336, 109.1474

 41.5130, 41.3457,
30.7351


160.0706,
162.6432, 139.8516

 28.9096, 28.5893,
20.1404


197.4476,
201.0965, 175.8334

 19.1564, 18.7704,
12.3121

240.2324,
245.1781, 217.5112

 11.8880, 11.5045,
6.8315

288.7902,
295.2722, 265.3036

 6.7391, 6.4072,
3.2801

343.4864,

 3.3444, 3.0942,

351.7634, 319.6292

1.2394

404.6864,
415.0359, 380.9065

■ 1.3384, 1.1811,
0.0113

■ 0.2117, 0.0462,
0.0000

■ 76.7319, 77.2084,
61.8974

■ 76.7319, 77.2084,
61.8974

■ 70.6659, 69.2578,
46.9839

■ 83.5786, 85.9391,
79.4783

■ 65.3430, 62.0533,
34.6003

■ 91.2295, 95.4617,
99.8453

■ 60.7312, 55.5737,
24.6037

94.6832, 99.8109,
108.8828

■ 56.7935, 49.7925,
16.8351

■ 53.4889, 44.6811,
11.1156

■ 50.7705, 40.2082,
7.2383

■ 48.5828, 36.3380,
4.9515

■ 47.4172, 34.1590,
4.0942

Harmonies

Analogous

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



80.7451, 77.2084, 68.6527



76.7319, 77.2084, 61.8974



71.9780, 77.2084, 60.7268

Triad

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



76.7319, 77.2084, 61.8974



64.7036, 77.2084, 88.1856



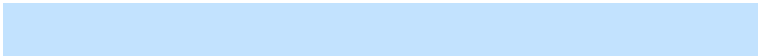
79.2851, 77.2084, 106.1764

Complementary

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



76.7319, 77.2084, 61.8974



67.3333, 73.0158, 104.3109

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.



74.8087, 77.2084, 112.7309



76.7319, 77.2084, 61.8974



66.4850, 77.2084, 101.6310

Square

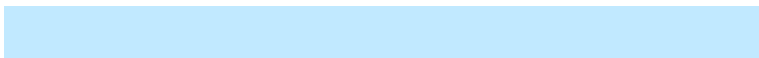
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7319, 77.2084, 61.8974



65.1686, 77.2084, 74.9710



70.1354, 77.2084, 110.9832



82.2629, 77.2084, 93.8701

Rectangle

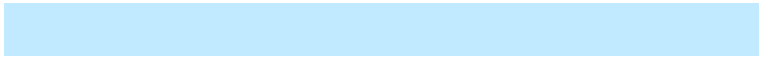
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7319, 77.2084, 61.8974



69.0483, 77.2084, 63.1320



70.1354, 77.2084, 110.9832



77.8981, 77.2084, 109.1828

Sweetspot

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



76.7339, 77.2119, 61.8990



89.3463, 92.9798, 93.4735



73.8930, 65.1463, 80.6322



19.0226, 19.7760, 19.7368



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.



76.7339, 77.2119, 61.8990



74.6437, 74.2916, 55.5334



85.4216, 94.5871, 64.7949



18.7083, 19.3848, 18.8999



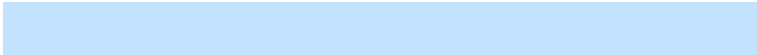
25.1434, 18.2980, 2.2067



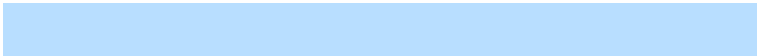
2.5562, 1.9978, 0.2509

Inverse Universe

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



67.3333, 73.0158, 104.3109



63.7562, 69.4305, 104.6489



59.8783, 58.1059, 101.8259



17.8051, 18.9818, 22.9754



14.1813, 13.2721, 51.2489



1.4902, 1.5111, 5.0264

Previews

White Background



This preview shows how the XYZ color 76.7319, 77.2084, 61.8974 looks on a white background.

Color Contrast Check

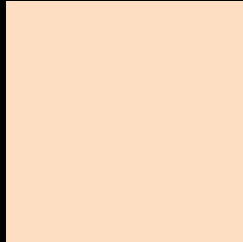
Large Text (above 18pt) WCAG AA × Fail

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 76.7319, 77.2084, 61.8974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

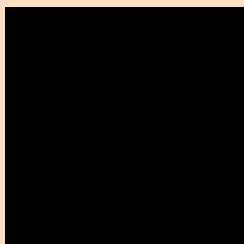
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7319, 77.2084, 61.8974

Background



This preview shows how black text looks on a background with the XYZ color 76.7319, 77.2084, 61.8974.



This preview shows how white text looks on a background with the XYZ color 76.7319, 77.2084,

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

76.7319, 77.2084, 61.8974

Protanopia

73.1437, 77.3201, 63.8925

Deuteranopia

77.7571, 77.2372, 66.6871



Tritanopia

81.0194, 77.2860, 87.7383

Trichromacy



Original Color

76.7319, 77.2084, 61.8974

Protanomaly

74.1972, 77.0690, 63.1898

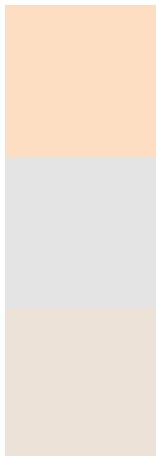
Deuteranomaly

77.4053, 77.0964, 64.8342

Tritanomaly

79.3577, 77.0375, 77.7050

Monochromacy



Original Color

76.7319, 77.2084, 61.8974

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.5161, 77.3551, 75.9694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7319, 77.2084, 61.8974 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(254, 222, 194) looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 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(254, 222, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 194) }
```

Border

The CSS property to change the border of an element to XYZ 76.7319, 77.2084, 61.8974 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(254, 222, 194) }
```


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

```
.border{ border-color:rgb(254, 222, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 222, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 222, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 222, 194);  
box-shadow:4px 4px 4px 4px rgb(254, 222,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7319, 77.2084, 61.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 222, 194) }
```

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

```
.background{ background-color: rgb(254,  
222, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor