

Converting Colors

XYZ(75.4451, 77.2990, 63.7671)

Have a look what the booklet for
XYZ(75.4451, 77.2990, 63.7671)
contains.

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Color

**XYZ(75.4451, 77.2990,
63.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E0C5
RGB	248, 224, 197
RGB Percent	97%, 88%, 77%
CMY	0.0274, 0.1215, 0.2274
CMYK	0.00, 0.10, 0.21, 0.03
HSL	32°, 78%, 87%
HSV	32°, 21%, 97%
XYZ	75.4451, 77.2990, 63.7671
YIQ	228.0980, 22.9710, -3.3090

Conversions

Conversions Part 2

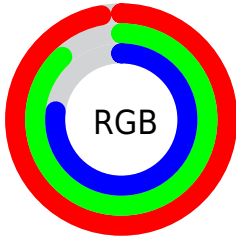
Format	Color
R_{YB}	242, 248, 197
Decimal	16310469
CIE _{Lab}	90.46, 4.07, 16.22
CIE _{LCh}	90, 16.723, 75.897
Yxy	77.2990, 0.3485, 0.3570
Android (android.graphics.Color)	4294500549 (0xFFF8E0C5)
YUV	228.0980, -15.3313, 17.4541
Hunter-Lab	87.9198, -0.6867, 18.5416

Details

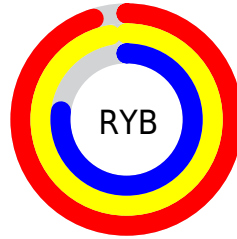
The XYZ color **75.4451, 77.2990, 63.7671** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.8252, 70.3588, 98.9187**, and the grayscale version is **73.9131, 77.7624, 84.6832**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **40.6317, 41.4355, 31.8429** is the 20% darker color. If you saturate the color by 10%, you get **69.8055, 70.1990, 49.0020**, and if you desaturate by 10%, it is **81.7716, 85.0234, 81.0694**.

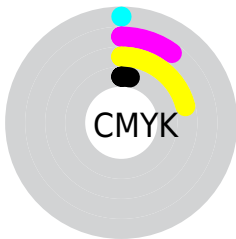
Distribution



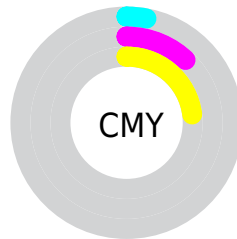
- Red (97%)
- Green (88%)
- Blue (77%)



- Red (95%)
- Yellow (97%)
- Blue (77%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4451, 77.2990, 63.7671 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 75.4451, 77.2990, 63.7671 by changing the saturation by 10% instead.

75.4451, 77.2990,
63.7671

75.4451, 77.2990,
63.7671

468.4197,
485.7829, 456.5325

56.2731, 57.4983,
46.0171

125.9268,
129.5615, 111.8717

40.6598, 41.4055,
31.9105

157.9671,
162.7920, 143.0634

28.2398, 28.6360,
21.0289

195.0276,
201.2680, 179.5726

18.6479, 18.8057,
12.9537

237.4736,
245.3738, 221.8181

11.5186, 11.5299,
7.2663

285.6704,
295.4938, 270.2183

6.4867, 6.4245,
3.5482

339.9835,

3.1866, 3.1049,

352.0123, 325.1917

1.3809

400.7781,
415.3139, 387.1569

■ 1.2532, 1.1867,
0.1268

■ 0.1478, 0.0508,
0.0000

■ 75.4451, 77.2990,
63.7671

■ 75.4451, 77.2990,
63.7671

■ 69.8055, 70.1990,
49.0020

■ 81.7716, 85.0234,
81.0694

■ 64.8194, 63.6953,
36.6473

■ 88.8043, 93.3786,
101.0173

■ 60.4598, 57.7726,
26.5730

■ 92.5216, 98.6966,
108.7817

■ 56.6949, 52.4108,
18.6343

■ 53.4897, 47.5885,
12.6699

■ 50.8044, 43.2819,
8.4947

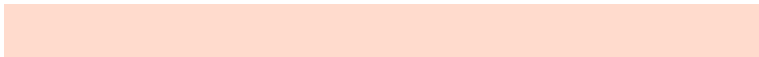
■ 48.5923, 39.4641,
5.8881

■ 46.8708, 36.2750,
4.5314

Harmonies

Analogous

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



79.2038, 77.2990, 68.7028



75.4451, 77.2990, 63.7671



71.2920, 77.2990, 63.9222

Triad

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



75.4451, 77.2990, 63.7671



66.0124, 77.2990, 90.6255



79.3909, 77.2990, 101.2126

Complementary

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



75.4451, 77.2990, 63.7671



65.8252, 70.3588, 98.9187

Split Complementary

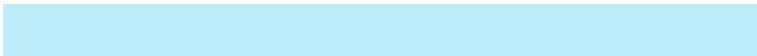
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6927, 77.2990, 108.2863



75.4451, 77.2990, 63.7671



68.0206, 77.2990, 101.7898

Square

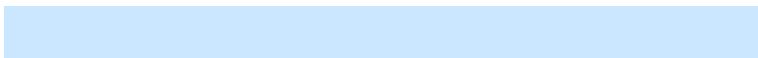
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4451, 77.2990, 63.7671



65.9518, 77.2990, 78.6835



71.5304, 77.2990, 108.5070



81.5397, 77.2990, 89.8964

Rectangle

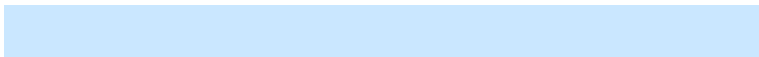
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4451, 77.2990, 63.7671



68.8604, 77.2990, 66.8712



71.5304, 77.2990, 108.5070



78.2816, 77.2990, 104.2106

Sweetspot

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



75.4472, 77.3025, 63.7687



90.4300, 94.5463, 95.6877



71.8164, 65.1451, 77.6515



19.2517, 20.1129, 20.1867



0.0000, 0.0000, 0.0000



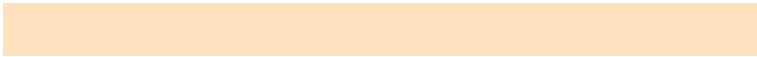
20.3446, 21.4041, 23.3091

Same Dimension

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



75.4472, 77.3025, 63.7687



77.5984, 78.8864, 60.5713



82.0567, 90.9680, 66.0581



18.0055, 18.7468, 18.1319



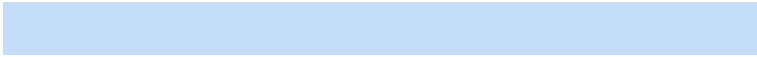
25.4613, 19.8792, 2.4951



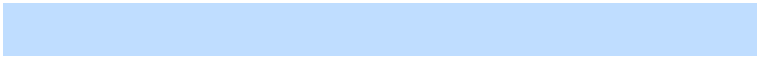
2.4643, 2.0535, 0.2665

Inverse Universe

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



65.8252, 70.3588, 98.9187



65.5196, 70.1705, 104.6987



60.1596, 58.6962, 96.9662



16.9564, 17.9897, 21.9639



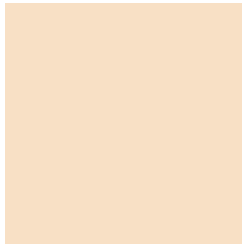
12.7070, 10.7695, 49.3826



1.2820, 1.2077, 4.6087

Previews

White Background



This preview shows how the XYZ color 75.4451, 77.2990, 63.7671 looks on a white background.

Color Contrast Check

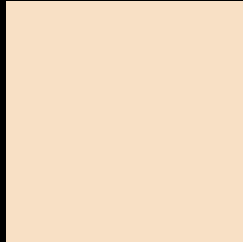
Large Text (above 18pt) WCAG AA × Fail

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 75.4451, 77.2990, 63.7671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

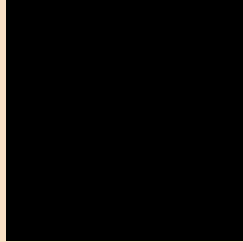
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

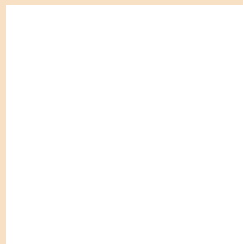
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4451, 77.2990, 63.7671

Background



This preview shows how black text looks on a background with the XYZ color 75.4451, 77.2990, 63.7671.



This preview shows how white text looks on a background with the XYZ color 75.4451, 77.2990,

63.7671.

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

75.4451, 77.2990, 63.7671

Protanopia

73.3745, 77.4124, 65.1077

Deuteranopia

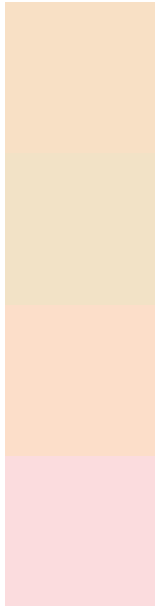
77.9955, 77.3325, 67.9426



Tritanopia

80.7197, 77.0816, 89.9807

Trichromacy



Original Color

75.4451, 77.2990, 63.7671

Protanomaly

74.0073, 77.3472, 64.4550

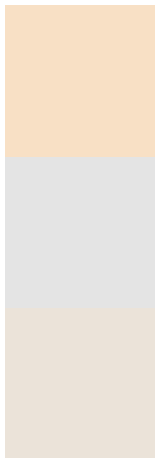
Deuteranomaly

76.8088, 77.1550, 66.1025

Tritanomaly

78.5617, 76.9696, 79.8232

Monochromacy



Original Color

75.4451, 77.2990, 63.7671

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2544, 77.6101, 76.7123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4451, 77.2990, 63.7671 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(248, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(248, 224, 197)  
}
```

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(248, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 224, 197) }
```

Border

The CSS property to change the border of an element to XYZ 75.4451, 77.2990, 63.7671 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(248, 224, 197) }
```


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

```
.border{ border-color:rgb(248, 224, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 224, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(248, 224,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4451, 77.2990, 63.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 224, 197) }
```

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

```
.background{ background-color: rgb(248,  
224, 197) }
```

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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