

Converting Colors

XYZ(74.6846, 75.5559, 69.8656)

Have a look what the booklet for
XYZ(74.6846, 75.5559, 69.8656)
contains.

XYZ(74.7751, 75.6304, 69.6885)	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(74.7751, 75.6304,
69.6885)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DDCF
RGB	245, 221, 207
RGB Percent	96%, 87%, 81%
CMY	0.0392, 0.1333, 0.1882
CMYK	0.00, 0.10, 0.16, 0.04
HSL	22°, 66%, 89%
HSV	22°, 16%, 96%
XYZ	74.7751, 75.6304, 69.6885
YIQ	226.5800, 18.7980, 0.7340

Conversions

Conversions Part 2

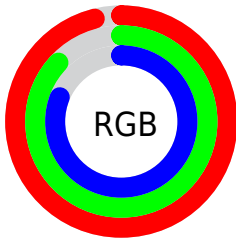
Format	Color
R _Y B	245, 229, 207
Decimal	16113103
CIE Lab	89.69, 6.03, 9.86
CIE LCh	90, 11.558, 58.573
Yxy	75.6304, 0.3397, 0.3436
Android (android.graphics.Color)	4294303183 (0xFFF5DDCF)
YUV	226.5800, -9.6529, 16.1543
Hunter-Lab	86.9657, 1.2883, 13.3650

Details

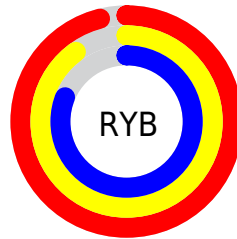
The XYZ color **74.7751, 75.6304, 69.6885** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7890, 77.0080, 97.5198**, and the grayscale version is **72.7687, 76.5583, 83.3720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1250, 40.2637, 35.7938** is the 20% darker color. If you saturate the color by 10%, you get **68.1115, 66.7300, 53.8185**, and if you desaturate by 10%, it is **82.2841, 85.4763, 88.1351**.

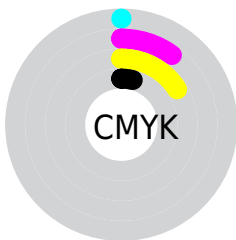
Distribution



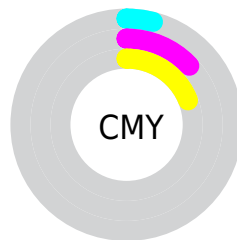
- Red (96%)
- Green (87%)
- Blue (81%)



- Red (96%)
- Yellow (90%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7751, 75.6304, 69.6885 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 74.7751, 75.6304, 69.6885 by changing the saturation by 10% instead.


 74.7751, 75.6304,
69.6885

 74.7751, 75.6304,
69.6885


466.1533,
480.0815, 478.2151

 55.7222, 56.1295,
50.7974


124.9836,
127.2043, 120.4414

 40.2164, 40.3068,
35.6718


156.8698,
160.0461, 153.1402

 27.8922, 27.7778,
23.8931


193.7646,
198.1037, 191.2787

 18.3845, 18.1582,
15.0429

236.0332,
241.7614, 235.2754

 11.3277, 11.0636,
8.7025

284.0410,
291.4036, 285.5489

 6.3566, 6.1097,
4.4535

338.1534,

 3.1058, 2.9119,

347.4148, 342.5176

1.8773

398.7357,
410.1793, 406.6002

■ 1.2100, 1.0859,
0.4782

■ 0.1142, 0.0000,
0.0000

■ 74.7751, 75.6304,
69.6885

■ 74.7751, 75.6304,
69.6885

■ 68.1115, 66.7300,
53.8185

■ 82.2841, 85.4763,
88.1351

■ 62.2556, 58.7363,
40.4044

■ 90.5003, 96.2203,
108.4102

■ 57.1759, 51.6221,
29.3229

■ 91.4664, 98.1526,
108.7323

■ 52.8362, 45.3555,
20.4381

■ 49.1971, 39.9021,
13.5997

■ 46.2150, 35.2248,
8.6384

■ 43.8403, 31.2830,
5.3570

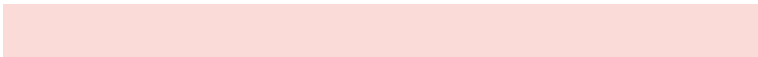
■ 42.0138, 28.0308,
3.5127

■ 41.3375, 26.7747,
2.9893

Harmonies

Analogous

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



76.7972, 75.6304, 75.0793



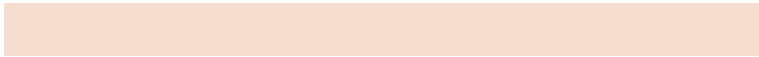
74.7751, 75.6304, 69.6885



72.0207, 75.6304, 67.6564

Triad

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



74.7751, 75.6304, 69.6885



66.5524, 75.6304, 81.9591



74.5331, 75.6304, 96.8903

Complementary

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



74.7751, 75.6304, 69.6885



70.7890, 77.0080, 97.5198

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.



71.7483, 75.6304, 99.0274



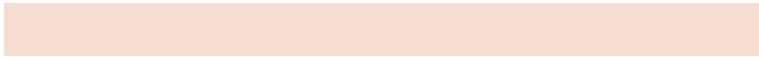
74.7751, 75.6304, 69.6885



67.1858, 75.6304, 90.0726

Square

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



74.7751, 75.6304, 69.6885



67.3161, 75.6304, 74.4457



69.0692, 75.6304, 96.4561



76.6549, 75.6304, 90.7919

Rectangle

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



74.7751, 75.6304, 69.6885



70.1558, 75.6304, 68.3705



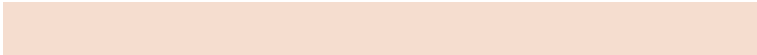
69.0692, 75.6304, 96.4561



73.6412, 75.6304, 98.1128

Sweetspot

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



74.7772, 75.6338, 69.6901



90.5498, 94.1762, 97.6067



74.4030, 69.8124, 85.2051



19.2501, 19.9870, 20.5649



0.0000, 0.0000, 0.0000



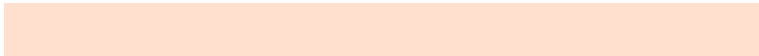
20.3446, 21.4041, 23.3091

Same Dimension

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



74.7772, 75.6338, 69.6901



79.2125, 79.2729, 69.8697



80.0598, 86.1991, 71.4510



16.9993, 17.4827, 17.2761



22.3901, 14.6657, 1.6507



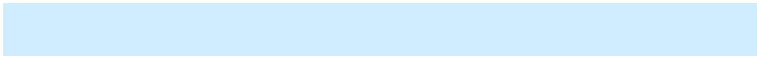
2.0626, 1.4784, 0.1766

Inverse Universe

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



70.7890, 77.0080, 97.5198



73.9824, 81.0724, 106.3570



65.7746, 66.9793, 95.8484



16.4534, 17.6711, 21.0862



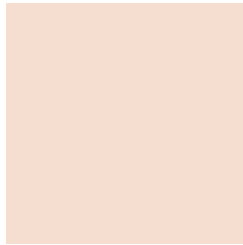
15.3039, 16.4015, 48.8972



1.4430, 1.6374, 4.3302

Previews

White Background



This preview shows how the XYZ color 74.7751, 75.6304, 69.6885 looks on a white background.

Color Contrast Check

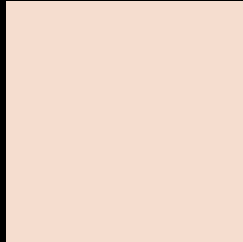
Large Text (above 18pt) WCAG AA × Fail

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 74.7751, 75.6304, 69.6885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

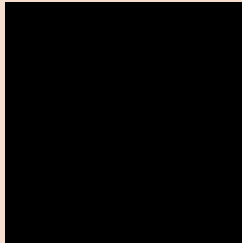
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7751, 75.6304, 69.6885

Background



This preview shows how black text looks on a background with the XYZ color 74.7751, 75.6304, 69.6885.



This preview shows how white text looks on a background with the XYZ color 74.7751, 75.6304,

69.6885.

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

74.7751, 75.6304, 69.6885

Protanopia

72.3655, 75.9463, 71.1666

Deuteranopia

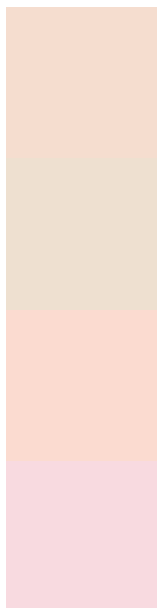
77.3296, 75.7677, 70.2234



Tritanopia

78.7311, 75.7060, 88.3050

Trichromacy



Original Color

74.7751, 75.6304, 69.6885

Protanomaly

73.3007, 76.0425, 70.4888

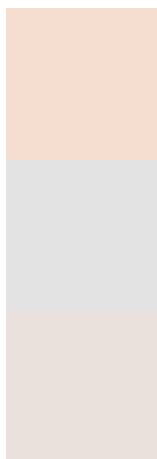
Deuteranomaly

76.5003, 75.7263, 70.2591

Tritanomaly

77.2373, 75.4811, 81.0195

Monochromacy



Original Color

74.7751, 75.6304, 69.6885

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7752, 76.5102, 78.5897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7751, 75.6304, 69.6885 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(245, 221, 207)` looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 207)  
}
```

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(245, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 207) }
```

Border

The CSS property to change the border of an element to XYZ 74.7751, 75.6304, 69.6885 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(245, 221, 207) }
```


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

```
.border{ border-color:rgb(245, 221, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 221, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 221, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 221, 207);  
box-shadow:4px 4px 4px 4px rgb(245, 221,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7751, 75.6304, 69.6885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 221, 207) }
```

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

```
.background{ background-color: rgb(245,  
221, 207) }
```

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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