

Converting Colors

XYZ(75.1912, 74.1058, 64.9852)

Have a look what the booklet for
XYZ(75.1912, 74.1058, 64.9852)
contains.

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Color

**XYZ(75.1261, 73.9773,
64.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD8C8
RGB	252, 216, 200
RGB Percent	99%, 85%, 78%
CMY	0.0118, 0.1529, 0.2157
CMYK	0.00, 0.14, 0.21, 0.01
HSL	18°, 90%, 89%
HSV	18°, 21%, 99%
XYZ	75.1261, 73.9773, 64.9631
YIQ	224.9400, 26.5920, 2.6560

Conversions

Conversions Part 2

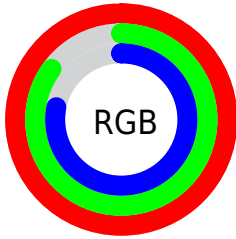
Format	Color
R _Y B	252, 223, 200
Decimal	16570568
CIE Lab	88.91, 10.09, 12.51
CIE LCh	89, 16.074, 51.114
Yxy	73.9773, 0.3509, 0.3456
Android (android.graphics.Color)	4294760648 (0xFFFC8C8)
YUV	224.9400, -12.2954, 23.7316
Hunter-Lab	86.0101, 5.3945, 15.4255

Details

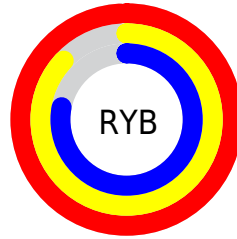
The XYZ color **75.1261, 73.9773, 64.9631** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3851, 79.2967, 103.6394**, and the grayscale version is **71.5988, 75.3275, 82.0316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4389, 39.1672, 32.6228** is the 20% darker color. If you saturate the color by 10%, you get **68.1864, 64.4286, 49.2975**, and if you desaturate by 10%, it is **83.0298, 84.6758, 83.3465**.

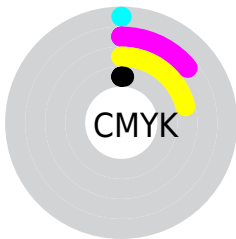
Distribution



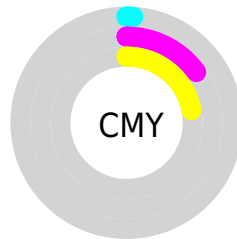
- Red (99%)
- Green (85%)
- Blue (78%)



- Red (99%)
- Yellow (87%)
- Blue (78%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (1%)





- Cyan (1%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1261, 73.9773, 64.9631 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 75.1261, 73.9773, 64.9631 by changing the saturation by 10% instead.


 75.1261, 73.9773,
64.9631

 75.1261, 73.9773,
64.9631


467.3414,
474.3950, 460.9619

 56.0107, 54.7755,
46.9800


125.4778,
124.8636, 113.6096

 40.4486, 39.2220,
32.6656


157.4449,
157.3169, 145.1100

 28.0742, 26.9325,
21.6014


194.4265,
194.9561, 181.9534

 18.5224, 17.5225,
13.3688

236.7881,
238.1657, 224.5581

 11.4276, 10.6077,
7.5493

284.8951,
287.3299, 273.3428

 6.4246, 5.8037,
3.7243

339.1127,

 3.1481, 2.7261,

342.8333, 328.7260

1.4754

399.8063,
405.0602, 391.1262

■ 1.2325, 0.9905,
0.1995

■ 0.1318, 0.0000,
0.0000

■ 75.1261, 73.9773,
64.9631

■ 75.1261, 73.9773,
64.9631

■ 68.1864, 64.4286,
49.2975

■ 83.0298, 84.6758,
83.3465

■ 62.1661, 55.9806,
36.2151

■ 91.9276, 96.5511,
104.5643

■ 57.0259, 48.5955,
25.5765

■ 93.9551, 99.4356,
108.8488

■ 52.7214, 42.2292,
17.2273

■ 49.2034, 36.8343,
10.9952

■ 46.4172, 32.3594,
6.6833

■ 44.2996, 28.7473,
4.0565

■ 42.8385, 26.0823,
2.7765

Harmonies

Analogous

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



77.5424, 73.9773, 73.0583



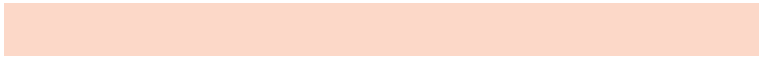
75.1261, 73.9773, 64.9631



71.4778, 73.9773, 61.1408

Triad

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



75.1261, 73.9773, 64.9631



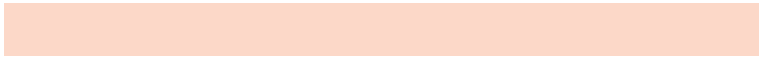
63.1623, 73.9773, 77.2770



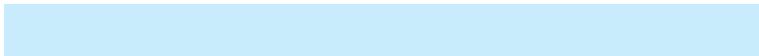
73.0489, 73.9773, 102.2875

Complementary

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



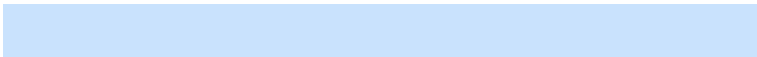
75.1261, 73.9773, 64.9631



71.3851, 79.2967, 103.6394

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.



69.1613, 73.9773, 103.6821



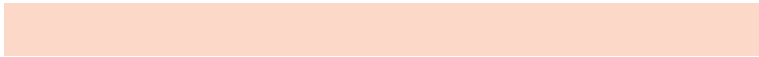
75.1261, 73.9773, 64.9631



63.5479, 73.9773, 88.5344

Square

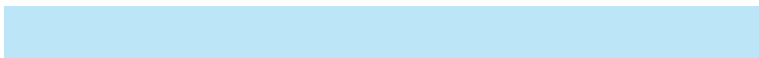
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1261, 73.9773, 64.9631



64.6367, 73.9773, 67.8061



65.7104, 73.9773, 98.4468



76.3126, 73.9773, 94.7955

Rectangle

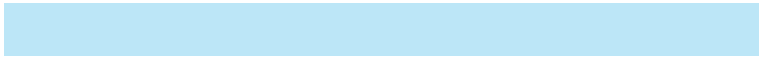
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1261, 73.9773, 64.9631



68.8778, 73.9773, 61.2615



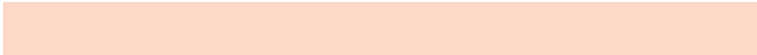
65.7104, 73.9773, 98.4468



71.7685, 73.9773, 103.5106

Sweetspot

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



75.1281, 73.9807, 64.9646



89.3975, 92.4813, 95.3435



75.9985, 68.0844, 88.7987



19.0079, 19.6254, 20.1055



0.0000, 0.0000, 0.0000



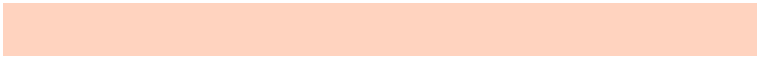
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1281, 73.9807, 64.9646



73.9338, 71.5571, 59.3498



82.2041, 88.1327, 67.3233



17.6803, 18.0965, 18.0235



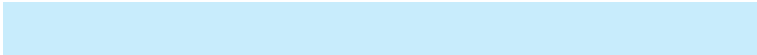
22.4289, 13.8145, 1.4843



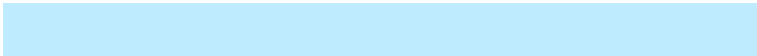
2.1669, 1.4587, 0.1673

Inverse Universe

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



71.3851, 79.2967, 103.6394



69.4157, 77.9626, 105.9974



64.5365, 65.5996, 101.3566



17.2887, 18.6542, 22.0747



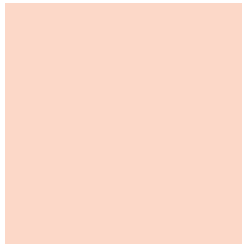
17.2183, 19.7922, 50.8863



1.6886, 2.0209, 4.7443

Previews

White Background



This preview shows how the XYZ color 75.1261, 73.9773, 64.9631 looks on a white background.

Color Contrast Check

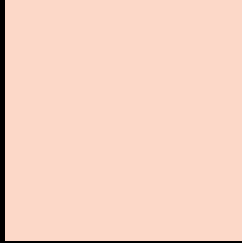
Large Text (above 18pt) WCAG AA × Fail

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 75.1261, 73.9773, 64.9631 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 75.1261, 73.9773, 64.9631

Background



This preview shows how black text looks on a background with the XYZ color 75.1261, 73.9773, 64.9631.



This preview shows how white text looks on a background with the XYZ color 75.1261, 73.9773,

64.9631.

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

75.1261, 73.9773, 64.9631

Protanopia

70.5655, 74.2908, 67.7471

Deuteranopia

75.5988, 73.8418, 64.9120



Tritanopia

78.7871, 73.9484, 83.5197

Trichromacy



Original Color

75.1261, 73.9773, 64.9631

Protanomaly

71.9693, 73.8489, 66.9610

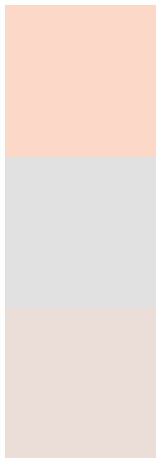
Deuteranomaly

75.2338, 73.6537, 64.8949

Tritanomaly

77.3222, 73.7213, 76.4840

Monochromacy



Original Color

75.1261, 73.9773, 64.9631

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.7769, 74.8626, 75.5799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1261, 73.9773, 64.9631 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(252, 216, 200)` looks like.

```
.text, #text, p{  
    color:rgb(252, 216, 200)  
}
```

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(252, 216, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 216, 200) }
```

Border

The CSS property to change the border of an element to XYZ 75.1261, 73.9773, 64.9631 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(252, 216, 200) }
```


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

```
.border{ border-color:rgb(252, 216, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 216, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 216, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 216, 200);  
box-shadow:4px 4px 4px 4px rgb(252, 216,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1261, 73.9773, 64.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 216, 200) }
```

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

```
.background{ background-color: rgb(252,  
216, 200) }
```

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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