

Converting Colors

XYZ(124.7680, 100.0000,
65.8296)

Have a look what the booklet for
XYZ(124.7680, 100.0000, 65.8296)
contains.

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Color

**XYZ(76.1309, 74.9169,
63.2712)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9C5
RGB	255, 217, 197
RGB Percent	100%, 85%, 77%
CMY	0.0000, 0.1490, 0.2274
CMYK	0.00, 0.15, 0.23, 0.00
HSL	21°, 100%, 89%
HSV	21°, 23%, 100%
XYZ	76.1309, 74.9169, 63.2712
YIQ	226.0820, 29.0680, 1.8360

Conversions

Conversions Part 2

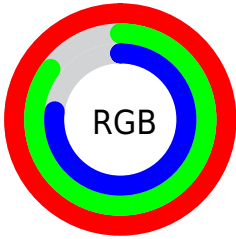
Format	Color
R _Y B	255, 228, 197
Decimal	16767429
CIE Lab	89.35, 10.24, 14.75
CIE LCh	89, 17.953, 55.238
Yxy	74.9169, 0.3552, 0.3496
Android (android.graphics.Color)	4294957509 (0xFFFFD9C5)
YUV	226.0820, -14.3374, 25.3611
Hunter-Lab	86.5545, 5.5330, 17.2473

Details

The XYZ color **76.1309, 74.9169, 63.2712** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7834, 78.5046, 106.0300**, and the grayscale version is **72.4353, 76.2076, 82.9900**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **41.1670, 39.8296, 31.5047** is the 20% darker color. If you saturate the color by 10%, you get **69.3628, 65.6678, 47.7986**, and if you desaturate by 10%, it is **83.8327, 85.2420, 81.4952**.

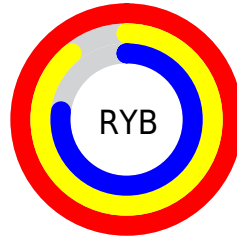
Distribution



Red (100%)

Green (85%)

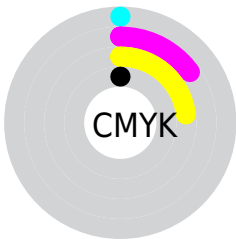
Blue (77%)



Red (100%)

Yellow (89%)

Blue (77%)

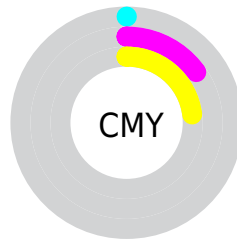


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1309, 74.9169, 63.2712 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 76.1309, 74.9169, 63.2712 by changing the saturation by 10% instead.


 76.1309, 74.9169,
63.2712

 76.1309, 74.9169,
63.2712


470.7332,
477.6319, 454.6881

 56.8373, 55.5448,
45.6182

126.8913,
126.1947, 111.1500

 41.1142, 39.8381,
31.5982


159.0888,
158.8692, 142.2130

 28.5964, 27.4123,
20.7925


196.3183,
196.7467, 178.5830

 18.9185, 17.8831,
12.7826

238.9451,
240.2115, 220.6786

 11.7150, 10.8661,
7.1501

287.3347,
289.6480, 268.9184

 6.6208, 5.9769,
3.4763

341.8523,

 3.2703, 2.8310,

345.4407, 323.7209

1.3427

402.8634,
407.9738, 385.5046

■ 1.2983, 1.0442,
0.0964

■ 0.1819, 0.0000,
0.0000

■ 76.1309, 74.9169,
63.2712

■ 76.1309, 74.9169,
63.2712

■ 69.3628, 65.6678,
47.7986

■ 83.8327, 85.2420,
81.4952

■ 63.4853, 57.4491,
34.9376

■ 92.4984, 96.6671,
102.5917

■ 58.4597, 50.2262,
24.5428

95.0500, 100.0000,
108.9000

■ 54.2419, 43.9589,
16.4529

■ 50.7836, 38.6035,
10.4869

■ 48.0301, 34.1128,
6.4360

■ 45.9176, 30.4338,
4.0482

■ 44.7259, 28.2318,
3.0920

Harmonies

Analogous

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



79.1219, 74.9169, 71.6874



76.1309, 74.9169, 63.2712



71.9096, 74.9169, 59.7644

Triad

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



76.1309, 74.9169, 63.2712



63.1173, 74.9169, 79.5804



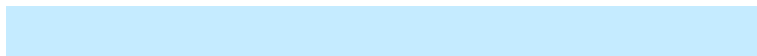
74.8683, 74.9169, 105.4642

Complementary

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



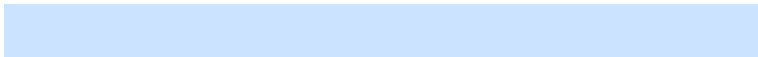
76.1309, 74.9169, 63.2712



70.7834, 78.5046, 106.0300

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.



70.5075, 74.9169, 108.1273



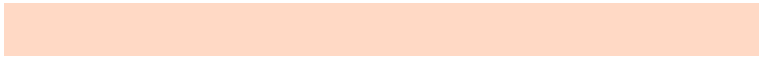
76.1309, 74.9169, 63.2712



63.8370, 74.9169, 92.3254

Square

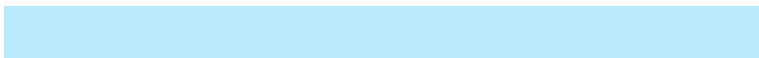
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1309, 74.9169, 63.2712



64.4910, 74.9169, 68.5437



66.4987, 74.9169, 103.0992



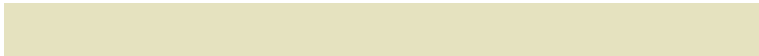
78.3722, 74.9169, 96.1541

Rectangle

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



76.1309, 74.9169, 63.2712



69.0095, 74.9169, 60.3899



66.4987, 74.9169, 103.0992



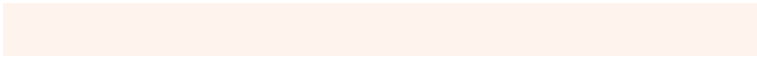
73.4491, 74.9169, 107.2045

Sweetspot

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



76.1327, 74.9202, 63.2727



88.6905, 91.6681, 93.2549



76.2986, 67.2301, 88.0590



18.8709, 19.4725, 19.6862



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.



76.1327, 74.9202, 63.2727



73.1402, 70.8541, 56.3593



84.0717, 90.7982, 65.9191



18.5216, 19.0114, 18.8377



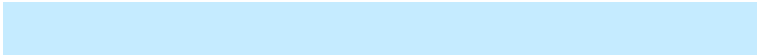
23.4950, 15.0012, 1.6572



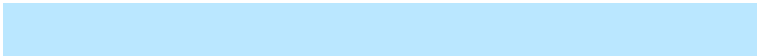
2.3848, 1.6550, 0.1938

Inverse Universe

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



70.7834, 78.5046, 106.0300



66.9828, 74.9712, 105.5483



63.3089, 63.5555, 103.5384



17.9965, 19.3646, 23.0392



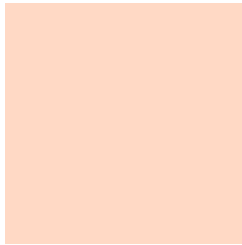
16.8012, 18.5121, 52.1223



1.7378, 2.0064, 5.1090

Previews

White Background



This preview shows how the XYZ color 76.1309, 74.9169, 63.2712 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 76.1309, 74.9169, 63.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

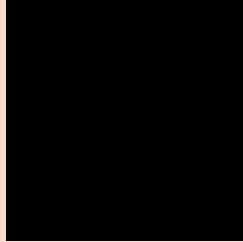
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1309, 74.9169, 63.2712

Background



This preview shows how black text looks on a background with the XYZ color 76.1309, 74.9169, 63.2712.



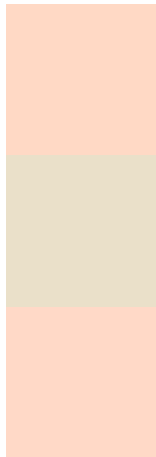
This preview shows how white text looks on a background with the XYZ color 76.1309, 74.9169,

63.2712.

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

76.1309, 74.9169, 63.2712

Protanopia

71.1300, 75.0208, 65.9898

Deuteranopia

76.3617, 75.0092, 64.4864



Tritanopia

79.2902, 74.9546, 83.6874

Trichromacy



Original Color

76.1309, 74.9169, 63.2712

Protanomaly

72.8997, 74.7603, 65.2315

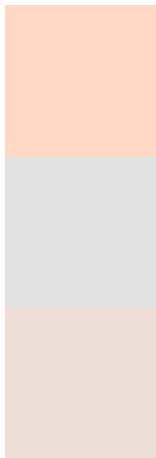
Deuteranomaly

76.2459, 74.9629, 63.8768

Tritanomaly

78.0648, 74.8706, 75.9827

Monochromacy



Original Color

76.1309, 74.9169, 63.2712

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5785, 75.6862, 75.0209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1309, 74.9169, 63.2712 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, 217, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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(255, 217, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 197) }
```

Border

The CSS property to change the border of an element to XYZ 76.1309, 74.9169, 63.2712 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, 217, 197) }
```


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

```
.border{ border-color:rgb(255, 217, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1309, 74.9169, 63.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 197) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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