

Converting Colors

XYZ(86.9674, 80.0047, 64.7032)

Have a look what the booklet for
XYZ(86.9674, 80.0047, 64.7032)
contains.

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Color

**XYZ(76.1047, 74.4953,
64.4007)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8C7
RGB	255, 216, 199
RGB Percent	100%, 85%, 78%
CMY	0.0000, 0.1529, 0.2196
CMYK	0.00, 0.15, 0.22, 0.00
HSL	18°, 100%, 89%
HSV	18°, 22%, 100%
XYZ	76.1047, 74.4953, 64.4007
YIQ	225.7230, 28.7010, 2.9810

Conversions

Conversions Part 2

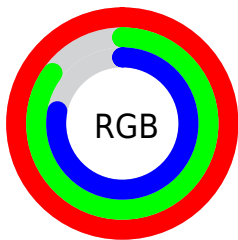
Format	Color
R _Y B	255, 223, 199
Decimal	16767175
CIE Lab	89.16, 11.04, 13.42
CIE LCh	89, 17.376, 50.567
Yxy	74.4953, 0.3540, 0.3465
Android (android.graphics.Color)	4294957255 (0xFFFFD8C7)
YUV	225.7230, -13.1744, 25.6759
Hunter-Lab	86.3107, 6.3493, 16.1782

Details

The XYZ color **76.1047, 74.4953, 64.4007** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1768, 80.5087, 106.3433**, and the grayscale version is **72.1679, 75.9262, 82.6836**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1444, 39.5398, 32.2515** is the 20% darker color. If you saturate the color by 10%, you get **69.0827, 64.7990, 48.6565**, and if you desaturate by 10%, it is **84.1181, 85.3798, 82.9247**.

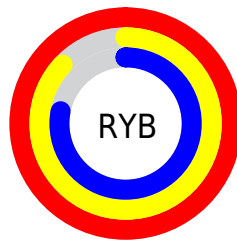
Distribution



Red (100%)

Green (85%)

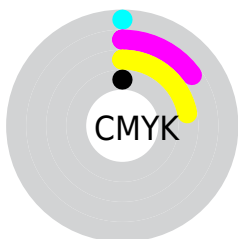
Blue (78%)



Red (100%)

Yellow (87%)

Blue (78%)

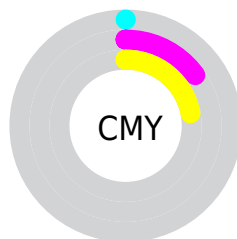


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1047, 74.4953, 64.4007 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 76.1047, 74.4953, 64.4007 by changing the saturation by 10% instead.


 76.1047, 74.4953,
64.4007

 76.1047, 74.4953,
64.4007


470.6449,
476.1811, 458.8823

 56.8157, 55.1995,
46.5270


126.8545,
125.5977, 112.7928

 41.0969, 39.5615,
32.3103


159.0460,
158.1731, 144.1484

 28.5828, 27.1968,
21.3318


196.2690,
195.9438, 180.8349

 18.9081, 17.7211,
13.1732

238.8890,
239.2942, 223.2711

 11.7075, 10.7499,
7.4158

287.2712,
288.6088, 271.8754

 6.6156, 5.8989,
3.6411

341.7810,

 3.2671, 2.7837,

344.2718, 327.0663

1.4306

402.7838,
406.6678, 389.2624

■ 1.2965, 1.0199,
0.1654

■ 0.1806, 0.0000,
0.0000

■ 76.1047, 74.4953,
64.4007

■ 76.1047, 74.4953,
64.4007

■ 69.0827, 64.7990,
48.6565

■ 84.1181, 85.3798,
82.9247

■ 63.0064, 56.2402,
35.5523

■ 93.1553, 97.4816,
104.3498

■ 57.8345, 48.7786,
24.9427

■ 95.0500, 100.0000,
108.9000

■ 53.5201, 42.3678,
16.6666

■ 50.0118, 36.9579,
10.5437

■ 47.2518, 32.4944,
6.3665

■ 45.1729, 28.9165,
3.8861

■ 43.9244, 26.6287,
2.8248

Harmonies

Analogous

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



78.7064, 74.4953, 73.1926



76.1047, 74.4953, 64.4007



72.1485, 74.4953, 60.2136

Triad

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



76.1047, 74.4953, 64.4007



63.0726, 74.4953, 77.3504



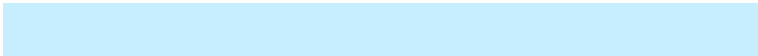
73.7050, 74.4953, 104.9650

Complementary

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



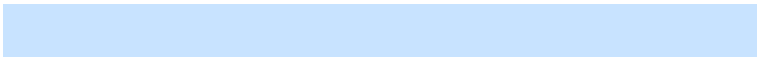
76.1047, 74.4953, 64.4007



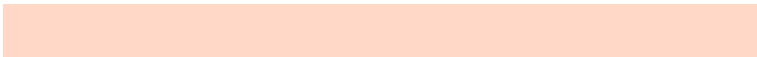
72.1768, 80.5087, 106.3433

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.



69.4794, 74.4953, 106.3619



76.1047, 74.4953, 64.4007



63.4519, 74.4953, 89.5845

Square

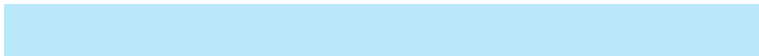
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1047, 74.4953, 64.4007



64.7005, 74.4953, 67.1834



65.7583, 74.4953, 100.4914



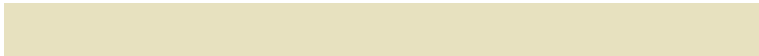
77.2830, 74.4953, 96.8455

Rectangle

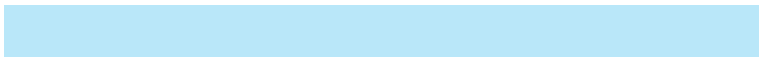
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1047, 74.4953, 64.4007



69.3227, 74.4953, 60.2793



65.7583, 74.4953, 100.4914



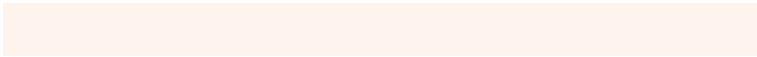
72.3094, 74.4953, 106.2658

Sweetspot

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



76.1065, 74.4986, 64.4022



88.4702, 91.2275, 93.1815



77.1259, 68.2924, 90.1602



18.8200, 19.3707, 19.6692



0.0000, 0.0000, 0.0000



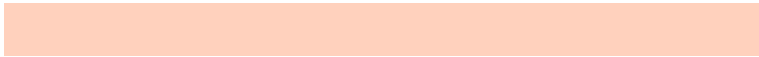
20.3446, 21.4041, 23.3091

Same Dimension

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



76.1065, 74.4986, 64.4022



73.1523, 70.4401, 57.7143



83.8396, 89.9649, 66.9800



18.4591, 18.8864, 18.8169



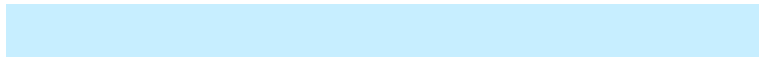
23.0657, 14.1426, 1.5141



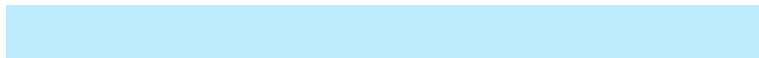
2.3371, 1.5596, 0.1779

Inverse Universe

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



72.1768, 80.5087, 106.3433



68.6322, 77.3411, 105.9188



64.6999, 65.5550, 103.8511



18.0620, 19.4956, 23.0610



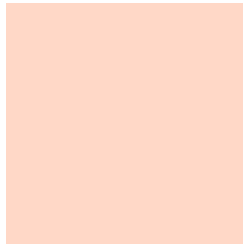
17.8429, 20.5954, 52.4695



1.8336, 2.1980, 5.1409

Previews

White Background



This preview shows how the XYZ color 76.1047, 74.4953, 64.4007 looks on a white background.

Color Contrast Check

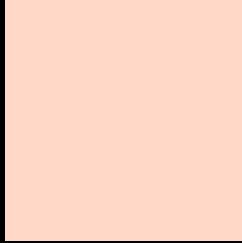
Large Text (above 18pt) WCAG AA × Fail

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 76.1047, 74.4953, 64.4007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

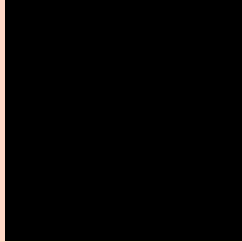
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1047, 74.4953, 64.4007

Background



This preview shows how black text looks on a background with the XYZ color 76.1047, 74.4953, 64.4007.

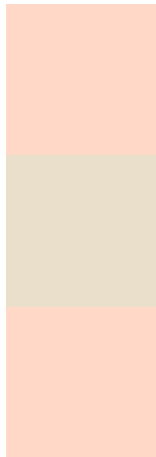


This preview shows how white text looks on a background with the XYZ color 76.1047, 74.4953,

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

76.1047, 74.4953, 64.4007

Protanopia

70.7714, 74.4108, 67.1326

Deuteranopia

76.1047, 74.4953, 64.4007



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

76.1047, 74.4953, 64.4007

Protanomaly

72.5295, 74.1514, 66.3671

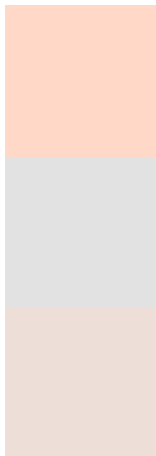
Deuteranomaly

76.1047, 74.4953, 64.4007

Tritanomaly

77.8110, 74.3629, 75.8980

Monochromacy



Original Color

76.1047, 74.4953, 64.4007

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.4410, 75.2049, 75.6110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1047, 74.4953, 64.4007 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, 216, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 199)  
}
```

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, 216, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 199) }
```

Border

The CSS property to change the border of an element to XYZ 76.1047, 74.4953, 64.4007 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, 216, 199) }
```


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

```
.border{ border-color:rgb(255, 216, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1047, 74.4953, 64.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 199) }
```

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

```
.background{ background-color: rgb(255,  
216, 199) }
```

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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