

Converting Colors

XYZ(80.8108, 77.9345, 64.1639)

Have a look what the booklet for
XYZ(80.8108, 77.9345, 64.1639)
contains.

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Color

**XYZ(76.7646, 76.0003,
64.0497)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFDBC6 |
| RGB | 255, 219, 198 |
| RGB Percent | 100%, 86%, 78% |
| CMY | 0.0000, 0.1412, 0.2235 |
| CMYK | 0.00, 0.14, 0.22, 0.00 |
| HSL | 22°, 100%, 89% |
| HSV | 22°, 22%, 100% |
| XYZ | 76.7646, 76.0003, 64.0497 |
| YIQ | 227.3700, 28.1970, 1.1010 |

Conversions

Conversions Part 2

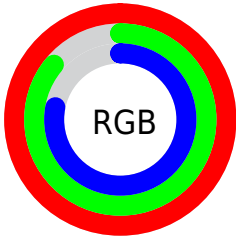
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 231, 198 |
| Decimal | 16767942 |
| CIE Lab | 89.86, 9.34, 14.94 |
| CIE LCh | 90, 17.620, 57.979 |
| Yxy | 76.0003, 0.3541, 0.3505 |
| Android (android.graphics.Color) | 4294958022 (0xFFFFDBC6) |
| YUV | 227.3700, -14.4794, 24.2315 |
| Hunter-Lab | 87.1782, 4.6162, 17.4644 |

Details

The XYZ color **76.7646, 76.0003, 64.0497** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7607, 78.0690, 105.9471**, and the grayscale version is **73.3724, 77.1935, 84.0637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5982, 40.5703, 32.0239** is the 20% darker color. If you saturate the color by 10%, you get **70.0678, 66.9241, 48.5075**, and if you desaturate by 10%, it is **84.3667, 86.0941, 82.3384**.

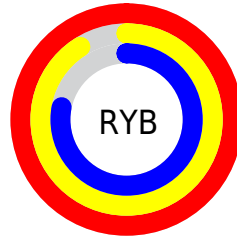
Distribution



Red (100%)

Green (86%)

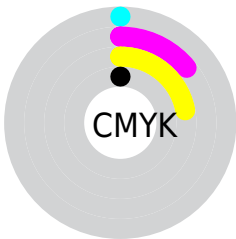
Blue (78%)



Red (100%)

Yellow (91%)

Blue (78%)

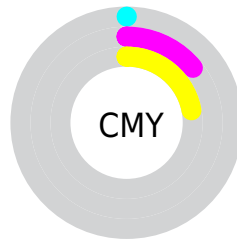


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7646, 76.0003, 64.0497 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 76.7646, 76.0003, 64.0497 by changing the saturation by 10% instead.


 76.7646, 76.0003,
64.0497

 76.7646, 76.0003,
64.0497

472.8653,
481.3487, 457.5815

 57.3589, 56.4328,
46.2445


127.7817,
127.7273, 112.2827

 41.5348, 40.5500,
32.0887


160.1239,
160.6556, 143.5475

 28.9267, 27.9676,
21.1639


197.5090,
198.8062, 180.1360

 19.1694, 18.3013,
13.0515

240.3024,
242.5636, 222.4666

 11.8975, 11.1665,
7.3328

288.8693,
292.3122, 270.9579

 6.7456, 6.1789,
3.5895

343.5752,

 3.3484, 2.9542,

348.4363, 326.0285

1.4030

404.7854,
411.3203, 388.0968

■ 1.3406, 1.1079,
0.1440

■ 0.2133, 0.0000,
0.0000

■ 76.7646, 76.0003,
64.0497

■ 76.7646, 76.0003,
64.0497

■ 70.0678, 66.9241,
48.5075

■ 84.3667, 86.0941,
82.3384

■ 64.2346, 58.8227,
35.5729

■ 92.9027, 97.2267,
103.4941

■ 59.2279, 51.6645,
25.1015

■ 95.0500, 100.0000,
108.9000

■ 55.0054, 45.4126,
16.9331

■ 51.5206, 40.0270,
10.8883

■ 48.7211, 35.4642,
6.7602

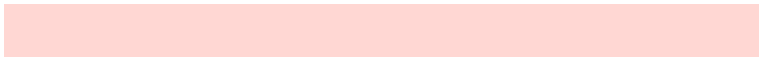
■ 46.5454, 31.6759,
4.2996

■ 45.2401, 29.2602,
3.2634

Harmonies

Analogous

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



79.8810, 76.0003, 72.0095



76.7646, 76.0003, 64.0497



72.5316, 76.0003, 61.0369

Triad

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



76.7646, 76.0003, 64.0497



64.1916, 76.0003, 81.9089



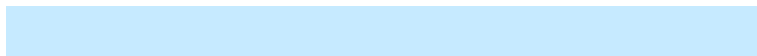
76.2334, 76.0003, 105.7719

Complementary

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



76.7646, 76.0003, 64.0497



70.7607, 78.0690, 105.9471

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.



71.9412, 76.0003, 109.0874



76.7646, 76.0003, 64.0497



65.0950, 76.0003, 94.5117

Square

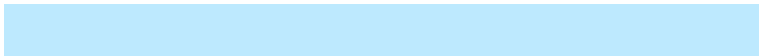
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7646, 76.0003, 64.0497



65.3708, 76.0003, 70.6832



67.8891, 76.0003, 104.7794



79.5658, 76.0003, 96.1206

Rectangle

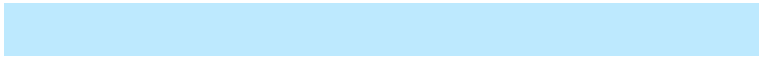
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7646, 76.0003, 64.0497



69.6837, 76.0003, 61.9848



67.8891, 76.0003, 104.7794



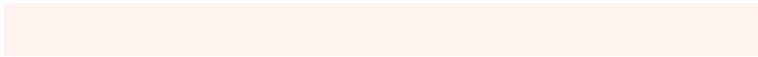
74.8498, 76.0003, 107.7043

Sweetspot

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



76.7664, 76.0036, 64.0513



88.8169, 91.9210, 93.2971



76.3002, 67.5953, 86.9435



18.9001, 19.5310, 19.6960



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.



76.7664, 76.0036, 64.0513



73.5431, 71.6599, 56.4936



84.8165, 92.1039, 66.7346



18.5575, 19.0832, 18.8497



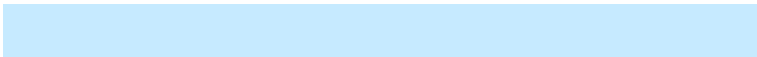
23.7690, 15.5492, 1.7485



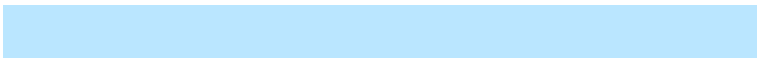
2.4144, 1.7142, 0.2036

Inverse Universe

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



70.7607, 78.0690, 105.9471



66.5295, 74.0646, 105.3972



63.3147, 63.1770, 103.4651



17.9592, 19.2900, 23.0267



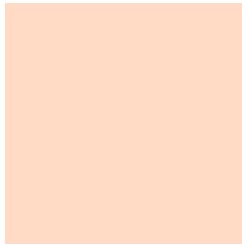
16.2412, 17.3920, 51.9356



1.6858, 1.9023, 5.0916

Previews

White Background



This preview shows how the XYZ color 76.7646, 76.0003, 64.0497 looks on a white background.

Color Contrast Check

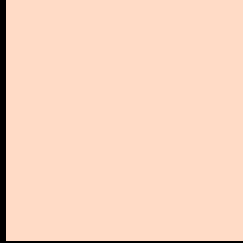
Large Text (above 18pt) WCAG AA × Fail

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 76.7646, 76.0003, 64.0497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

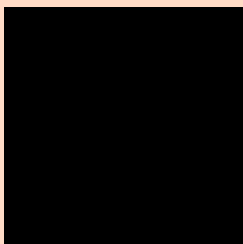
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7646, 76.0003, 64.0497

Background



This preview shows how black text looks on a background with the XYZ color 76.7646, 76.0003, 64.0497.

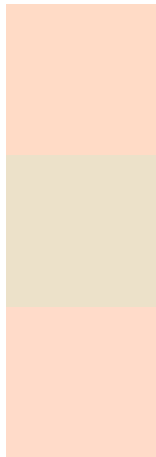


This preview shows how white text looks on a background with the XYZ color 76.7646, 76.0003,

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

76.7646, 76.0003, 64.0497

Protanopia

72.0599, 75.9003, 66.1106

Deuteranopia

77.1141, 76.1401, 65.8905



Tritanopia

80.0788, 76.0849, 85.3282

Trichromacy



Original Color

76.7646, 76.0003, 64.0497

Protanomaly

73.7752, 76.0002, 65.4247

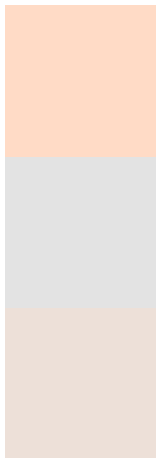
Deuteranomaly

76.9968, 76.0932, 65.2729

Tritanomaly

78.7077, 75.9477, 76.8407

Monochromacy



Original Color

76.7646, 76.0003, 64.0497

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.9754, 76.2737, 75.7891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7646, 76.0003, 64.0497 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, 219, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 198)  
}
```

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, 219, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 198) }
```

Border

The CSS property to change the border of an element to XYZ 76.7646, 76.0003, 64.0497 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, 219, 198) }
```


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

```
.border{ border-color:rgb(255, 219, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 198); box-shadow:4px 4px 4px 4px rgb(255, 219, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7646, 76.0003, 64.0497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 198) }
```

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

```
.background{ background-color: rgb(255,  
219, 198) }
```

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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