

# Converting Colors

XYZ(74.9735, 76.6406, 64.2592)

Have a look what the booklet for  
XYZ(74.9735, 76.6406, 64.2592)  
contains.

<b>XYZ(74.9385, 76.6267, 64.2668)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**XYZ(74.9385, 76.6267,  
64.2668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DFC6
RGB	247, 223, 198
RGB Percent	97%, 87%, 78%
CMY	0.0314, 0.1255, 0.2235
CMYK	0.00, 0.10, 0.20, 0.03
HSL	31°, 75%, 87%
HSV	31°, 20%, 97%
XYZ	74.9385, 76.6267, 64.2668
YIQ	227.3260, 22.3290, -2.6870

# Conversions

## Conversions Part 2

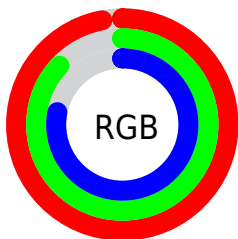
Format	Color
R <sub>Y</sub> B	245, 247, 198
Decimal	16244678
CIE Lab	90.15, 4.37, 15.25
CIE LCh	90, 15.864, 74.008
Yxy	76.6267, 0.3472, 0.3550
Android (android.graphics.Color)	4294434758 (0xFFF7DFC6)
YUV	227.3260, -14.4577, 17.2541
Hunter-Lab	87.5367, -0.3787, 17.7467

# Details

The XYZ color **74.9385, 76.6267, 64.2668** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.1981, 70.9621, 98.2043**, and the grayscale version is **73.3432, 77.1628, 84.0303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2719, 40.9660, 32.1702** is the 20% darker color. If you saturate the color by 10%, you get **69.2021, 69.3471, 49.4264**, and if you desaturate by 10%, it is **81.3746, 84.5608, 81.6344**.

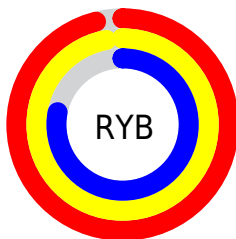
# Distribution



Red (97%)

Green (87%)

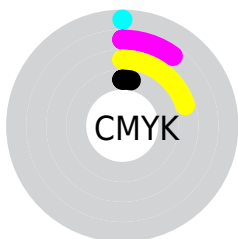
Blue (78%)



Red (96%)

Yellow (97%)

Blue (78%)

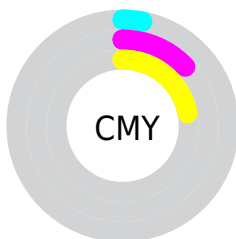


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (3%)



Cyan (3%)

Magenta (13%)


Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9385, 76.6267, 64.2668 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 74.9385, 76.6267, 64.2668 by changing the saturation by 10% instead.




 74.9385, 76.6267,  
64.2668

 74.9385, 76.6267,  
64.2668


466.7066,  
483.4903, 458.3863

 55.8565, 56.9465,  
46.4192


125.2137,  
128.6124, 112.5982

 40.3244, 40.9623,  
32.2257


157.1376,  
161.6867, 143.9192

 27.9769, 28.2896,  
21.2677


194.0728,  
199.9946, 180.5684

 18.4486, 18.5441,  
13.1267

236.3847,  
243.9203, 222.9643

 11.3742, 11.3413,  
7.3841

284.4387,  
293.8484, 271.5255

 6.3883, 6.2969,  
3.6214

338.6001,

 3.1255, 3.0265,

350.1631, 326.6706

1.4200

399.2343,  
413.2490, 388.8180

■ 1.2205, 1.1456,  
0.1573

■ 0.1224, 0.0166,  
0.0000

■ 74.9385, 76.6267,  
64.2668

■ 74.9385, 76.6267,  
64.2668

■ 69.2021, 69.3471,  
49.4264

■ 81.3746, 84.5608,  
81.6344

■ 64.1319, 62.6932,  
36.9881

■ 88.5297, 93.1567,  
101.6362

■ 59.7007, 56.6487,  
26.8239

■ 92.1680, 98.5143,  
108.7651

■ 55.8766, 51.1927,  
18.7911

■ 52.6246, 46.3026,  
12.7312

■ 49.9050, 41.9539,  
8.4628

■ 47.6715, 38.1187,  
5.7705

■ 45.8520, 34.7587,  
4.3040

■ 45.8246, 34.7075,  
4.2840

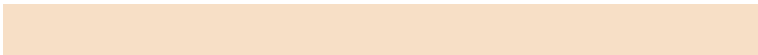
# Harmonies

## Analogous

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



78.4171, 76.6267, 69.2496



74.9385, 76.6267, 64.2668



71.0130, 76.6267, 64.1035

# Triad

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



74.9385, 76.6267, 64.2668



65.7256, 76.6267, 88.7960



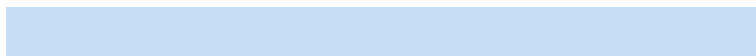
78.2224, 76.6267, 100.0312

# Complementary

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



74.9385, 76.6267, 64.2668



66.1981, 70.9621, 98.2043

# 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.



74.6805, 76.6267, 106.3042



74.9385, 76.6267, 64.2668



67.5174, 76.6267, 99.4327

# Square

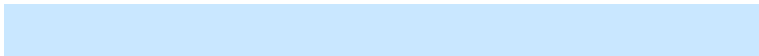
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9385, 76.6267, 64.2668



65.7890, 76.6267, 77.5977



70.7641, 76.6267, 106.0758



80.3592, 76.6267, 89.5547



# Rectangle

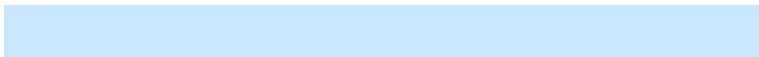
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9385, 76.6267, 64.2668



68.6760, 76.6267, 66.7098



70.7641, 76.6267, 106.0758



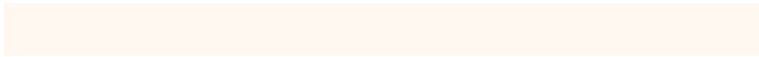
77.1511, 76.6267, 102.7417

# Sweetspot

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



74.9405, 76.6301, 64.2684



90.3398, 94.3659, 95.6576



71.8046, 65.4641, 78.3113



19.2304, 20.0703, 20.1796



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

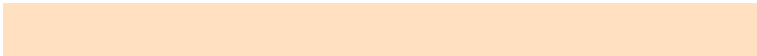


# Same Dimension

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



74.9405, 76.6301, 64.2684



77.8886, 79.0130, 62.0671



81.8123, 90.3736, 66.5590



17.1983, 17.8807, 17.3424



24.3777, 18.6410, 2.3132



2.2454, 1.8441, 0.2376

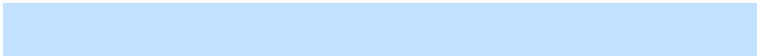


# Inverse Universe

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



66.1981, 70.9621, 98.2043



66.8406, 71.8504, 104.9534



60.2722, 59.1104, 96.2290



16.2512, 17.2666, 21.0188



12.6334, 11.0606, 48.0071

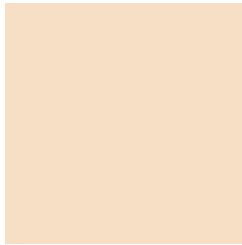


1.2129, 1.1773, 4.2535



# Previews

## White Background



This preview shows how the XYZ color 74.9385, 76.6267, 64.2668 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

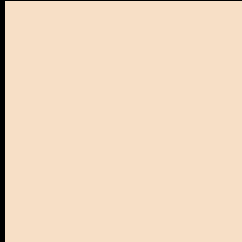
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.9385, 76.6267, 64.2668 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

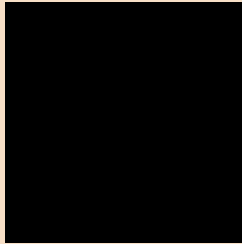
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.9385, 76.6267, 64.2668**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.9385, 76.6267, 64.2668.



This preview shows how white text looks on a background with the XYZ color 74.9385, 76.6267,

64.2668.

# 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

74.9385, 76.6267, 64.2668

### Protanopia

72.5467, 76.5674, 65.5989

### Deuteranopia

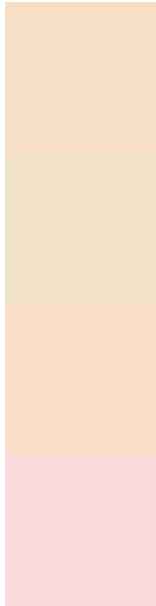
77.6127, 76.7582, 67.2251



## Tritanopia

80.2117, 76.8364, 89.2006

# Trichromacy



## Original Color

74.9385, 76.6267, 64.2668

## Protanomaly

73.5096, 76.6747, 64.9582

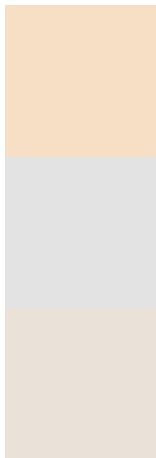
## Deuteranomaly

76.5440, 76.6254, 66.0142

## Tritanomaly

78.2024, 76.7843, 79.8064

# Monochromacy



## Original Color

74.9385, 76.6267, 64.2668

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

73.5227, 76.8430, 75.9229

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.9385, 76.6267, 64.2668 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(247, 223, 198) looks like.

```
.text, #text, p{  
    color:rgb(247, 223, 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(247, 223, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 223, 198) }
```

## Border

The CSS property to change the border of an element to XYZ 74.9385, 76.6267, 64.2668 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(247, 223, 198) }
```



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

```
.border{ border-color:rgb(247, 223, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 223, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 223, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 223, 198);  
box-shadow:4px 4px 4px 4px rgb(247, 223,  
198) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.9385, 76.6267, 64.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 223, 198) }
```

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

```
.background{ background-color: rgb(247,  
223, 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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