

# Converting Colors

XYZ(75.7878, 75.0667, 64.5495)

Have a look what the booklet for  
XYZ(75.7878, 75.0667, 64.5495)  
contains.

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# Color

**XYZ(75.8882, 75.1490,  
64.5383)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDDAC7
RGB	253, 218, 199
RGB Percent	99%, 85%, 78%
CMY	0.0078, 0.1451, 0.2196
CMYK	0.00, 0.14, 0.21, 0.01
HSL	21°, 93%, 89%
HSV	21°, 21%, 99%
XYZ	75.8882, 75.1490, 64.5383
YIQ	226.2990, 26.9590, 1.5110

# Conversions

## Conversions Part 2

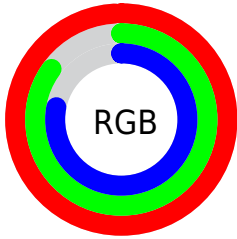
Format	Color
<a href="#">RYB</a>	<a href="#">253, 228, 199</a>
Decimal	<a href="#">16636615</a>
CIELab	<a href="#">89.46, 9.27, 13.83</a>
CIElCh	<a href="#">89, 16.651, 56.155</a>
Yxy	<a href="#">75.1490, 0.3520, 0.3486</a>
Android (android.graphics.Color)	<a href="#">4294826695 (0xFFFD DAC7)</a>
YUV	<a href="#">226.2990, -13.4584, 23.4168</a>
Hunter-Lab	<a href="#">86.6885, 4.5562, 16.5415</a>

# Details

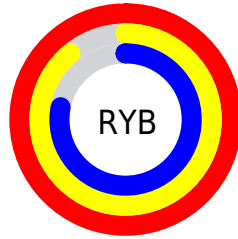
The XYZ color **75.8882, 75.1490, 64.5383** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7050, 78.0775, 104.2728**, and the grayscale version is **72.5875, 76.3677, 83.1644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9730, 39.9745, 32.3444** is the 20% darker color. If you saturate the color by 10%, you get **69.1483, 65.9856, 48.9840**, and if you desaturate by 10%, it is **83.5411, 85.3558, 82.8080**.

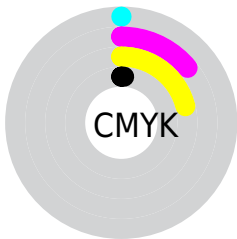
# Distribution



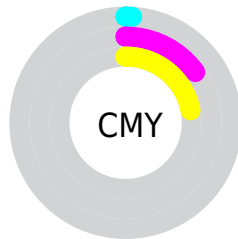
- Red (99%)
- Green (85%)
- Blue (78%)



- Red (99%)
- Yellow (89%)
- 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 75.8882, 75.1490, 64.5383 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 75.8882, 75.1490, 64.5383 by changing the saturation by 10% instead.




 75.8882, 75.1490,  
64.5383

 75.8882, 75.1490,  
64.5383


469.9152,  
478.4295, 459.3917

 56.6376, 55.7350,  
46.6378


126.5501,  
126.5233, 112.9927

 40.9533, 39.9905,  
32.3971


158.6920,  
159.2523, 144.3838

 28.4701, 27.5311,  
21.3977


195.8618,  
197.1884, 181.1088

 18.8226, 17.9725,  
13.2209

238.4247,  
240.7160, 223.5862

 11.6454, 10.9302,  
7.4484

286.7461,  
290.2196, 272.2347

 6.5732, 6.0200,  
3.6614

341.1915,

 3.2406, 2.8572,

346.0834, 327.4727

1.4415

402.1260,  
408.6919, 389.7189

■ 1.2822, 1.0576,  
0.1738

■ 0.1699, 0.0000,  
0.0000

■ 75.8882, 75.1490,  
64.5383

■ 75.8882, 75.1490,  
64.5383

■ 69.1483, 65.9856,  
48.9840

■ 83.5411, 85.3558,  
82.8080

■ 63.2792, 57.8214,  
36.0094

■ 92.1352, 96.6281,  
103.9105

■ 58.2440, 50.6239,  
25.4738

■ 94.3182, 99.6227,  
108.8658

■ 54.0004, 44.3549,  
17.2214

■ 50.5023, 38.9732,  
11.0778

■ 47.6976, 34.4341,  
6.8432

■ 45.5258, 30.6877,  
4.2779

■ 44.0841, 28.0345,  
3.0877

# Harmonies

## Analogous

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



78.7065, 75.1490, 72.3101



75.8882, 75.1490, 64.5383



71.9545, 75.1490, 61.3826

# Triad

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



75.8882, 75.1490, 64.5383



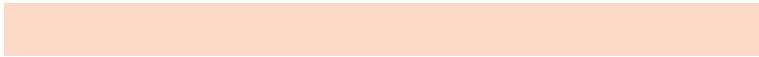
63.8781, 75.1490, 80.3264



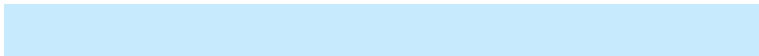
74.9430, 75.1490, 103.7060

# Complementary

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



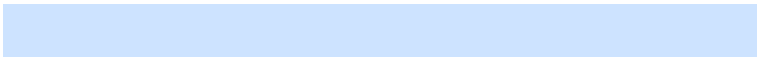
75.8882, 75.1490, 64.5383



70.7050, 78.0775, 104.2728

# 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.



70.9018, 75.1490, 106.3650



75.8882, 75.1490, 64.5383



64.6106, 75.1490, 92.1388

# Square

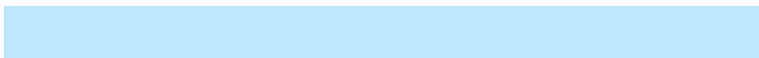
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8882, 75.1490, 64.5383



65.1041, 75.1490, 69.9324



67.1439, 75.1490, 101.9507

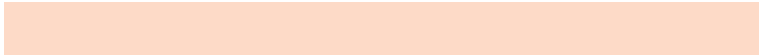


78.1463, 75.1490, 94.9936



# Rectangle

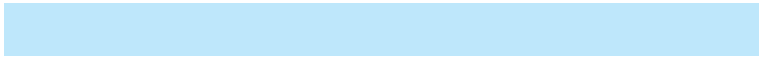
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8882, 75.1490, 64.5383



69.2651, 75.1490, 62.0763



67.1439, 75.1490, 101.9507



73.6331, 75.1490, 105.3710

# Sweetspot

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



75.8902, 75.1524, 64.5399



89.6017, 92.8896, 95.4116



75.7978, 67.6767, 86.9858



19.0561, 19.7217, 20.1215



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.



75.8902, 75.1524, 64.5399



73.9447, 72.0251, 57.9785



83.4395, 90.2510, 67.0563



18.5323, 19.0328, 18.8413



23.5744, 15.1600, 1.6837

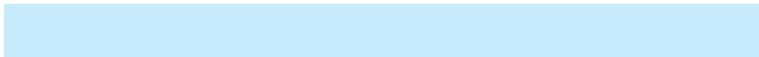


2.3935, 1.6723, 0.1966

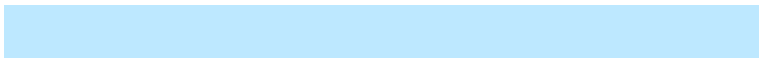


# Inverse Universe

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



70.7050, 78.0775, 104.2728



67.7246, 75.5259, 105.6162



63.6207, 63.9091, 101.9114



17.9854, 19.3424, 23.0355



16.6317, 18.1730, 52.0657

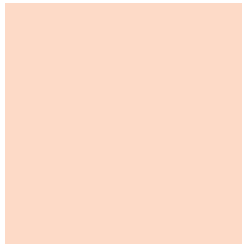


1.7221, 1.9750, 5.1037



# Previews

## White Background



This preview shows how the XYZ color 75.8882, 75.1490, 64.5383 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

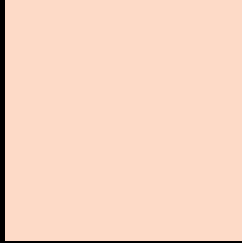
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.8882, 75.1490, 64.5383 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

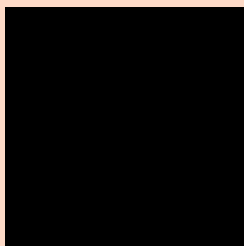
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.8882, 75.1490, 64.5383**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.8882, 75.1490, 64.5383.



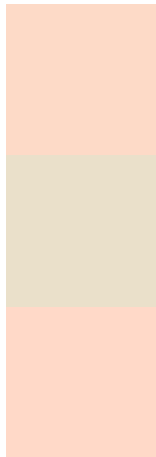
This preview shows how white text looks on a background with the XYZ color 75.8882, 75.1490,



# 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

75.8882, 75.1490, 64.5383

### Protanopia

71.2480, 75.0680, 66.6115

### Deuteranopia

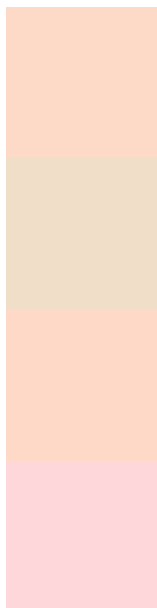
76.4782, 75.0558, 65.1000



## Tritanopia

79.5695, 75.0663, 85.1584

# Trichromacy



## Original Color

75.8882, 75.1490, 64.5383

## Protanomaly

72.9395, 75.1604, 65.9214

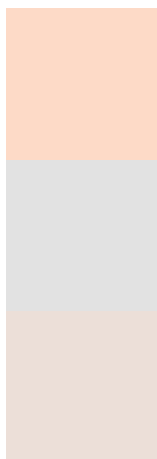
## Deuteranomaly

76.1112, 74.8667, 65.0828

## Tritanomaly

77.9597, 74.7862, 77.3441

# Monochromacy



## Original Color

75.8882, 75.1490, 64.5383

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

73.3744, 75.5661, 75.6842

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.8882, 75.1490, 64.5383 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(253, 218, 199)` looks like.

```
.text, #text, p{  
    color:rgb(253, 218, 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(253, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 218, 199) }
```

## Border

The CSS property to change the border of an element to XYZ 75.8882, 75.1490, 64.5383 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(253, 218, 199) }
```



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

```
.border{ border-color:rgb(253, 218, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 218, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 218, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 218, 199);  
box-shadow:4px 4px 4px 4px rgb(253, 218,  
199) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.8882, 75.1490, 64.5383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 218, 199) }
```

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

```
.background{ background-color: rgb(253,  
218, 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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