

# Converting Colors

XYZ(76.2458, 77.6340, 75.5862)

Have a look what the booklet for  
XYZ(76.2458, 77.6340, 75.5862)  
contains.

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# Color

**XYZ(76.2296, 77.4507,  
75.2217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4E0D7
RGB	244, 224, 215
RGB Percent	96%, 88%, 84%
CMY	0.0431, 0.1215, 0.1569
CMYK	0.00, 0.08, 0.12, 0.04
HSL	19°, 57%, 90%
HSV	19°, 12%, 96%
XYZ	76.2296, 77.4507, 75.2217
YIQ	228.9540, 14.8090, 1.4410

# Conversions

## Conversions Part 2

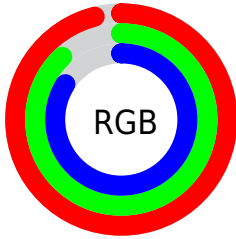
Format	Color
<a href="#">RYB</a>	<a href="#">244, 228, 215</a>
Decimal	<a href="#">16048343</a>
CIELab	<a href="#">90.53, 5.37, 6.87</a>
CIElCh	<a href="#">91, 8.719, 51.952</a>
Yxy	<a href="#">77.4507, 0.3330, 0.3384</a>
Android (android.graphics.Color)	<a href="#">4294238423</a> ( <a href="#">0xFFFF4E0D7</a> )
YUV	<a href="#">228.9540, -6.8793, 13.1953</a>
Hunter-Lab	<a href="#">88.0061, 0.6035, 10.9271</a>

# Details

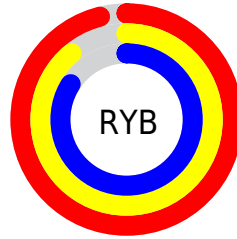
The XYZ color **76.2296, 77.4507, 75.2217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0614, 80.3937, 97.2028**, and the grayscale version is **74.4855, 78.3646, 85.3390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2722, 41.6054, 39.1131** is the 20% darker color. If you saturate the color by 10%, you get **69.0257, 67.6912, 58.4883**, and if you desaturate by 10%, it is **84.3529, 88.2989, 94.5704**.

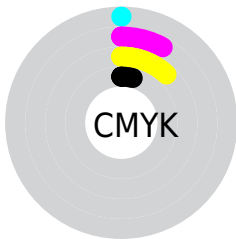
# Distribution



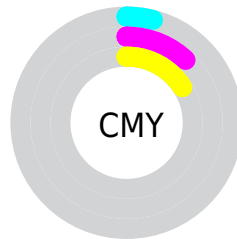
- Red (96%)
- Green (88%)
- Blue (84%)



- Red (96%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2296, 77.4507, 75.2217 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 76.2296, 77.4507, 75.2217 by changing the saturation by 10% instead.




 76.2296, 77.4507,  
75.2217

 76.2296, 77.4507,  
75.2217

471.0656,  
486.2993, 497.9550

 56.9185, 57.6229,  
55.2917


127.0300,  
129.7755, 128.3761

 41.1797, 41.5055,  
39.2351


159.2501,  
163.0412, 162.4376

 28.6478, 28.7143,  
26.6335


196.5039,  
201.5551, 202.0467

 18.9575, 18.8648,  
17.0681

239.1567,  
245.7014, 247.6220

 11.7434, 11.5726,  
10.1206

287.5739,  
295.8646, 299.5819

 6.6402, 6.4534,  
5.3724

342.1209,

 3.2824, 3.1227,

352.4290, 358.3450

2.4048

403.1630,  
415.7791, 424.3298

■ 1.3048, 1.1961,  
0.7891

■ 0.1868, 0.0585,  
0.0000

■ 76.2296, 77.4507,  
75.2217

■ 76.2296, 77.4507,  
75.2217

■ 69.0257, 67.6912,  
58.4883

■ 84.3529, 88.2989,  
94.5704

■ 62.7011, 58.9761,  
44.2522

■ 91.1185, 97.9733,  
108.7160

■ 57.2224, 51.2728,  
32.3937

■ 52.5511, 44.5432,  
22.7815

■ 48.6459, 38.7467,  
15.2711

■ 45.4611, 33.8395,  
9.7011

■ 42.9457, 29.7740,  
5.8862

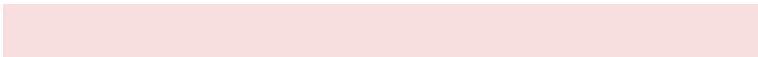
■ 41.0401, 26.4971,  
3.6040

■ 39.8767, 24.3695,  
2.6020

# Harmonies

## Analogous

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



77.5731, 77.4507, 79.9200



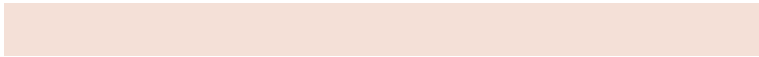
76.2296, 77.4507, 75.2217



74.2033, 77.4507, 72.9888

# Triad

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



76.2296, 77.4507, 75.2217



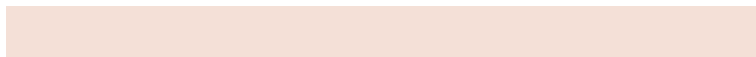
69.5398, 77.4507, 82.6603



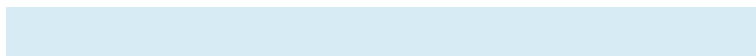
75.1934, 77.4507, 95.9680

# Complementary

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



76.2296, 77.4507, 75.2217



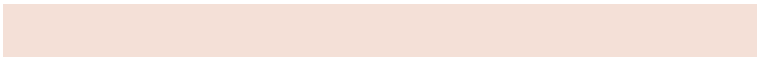
74.0614, 80.3937, 97.2028

# 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.



73.0290, 77.4507, 96.7905



76.2296, 77.4507, 75.2217



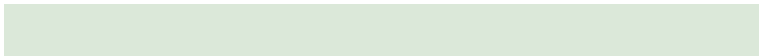
69.7930, 77.4507, 88.9006

# Square

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



76.2296, 77.4507, 75.2217



70.3612, 77.4507, 77.1428



71.0600, 77.4507, 94.1468



76.9667, 77.4507, 91.9516



# Rectangle

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



76.2296, 77.4507, 75.2217



72.7495, 77.4507, 73.1179



71.0600, 77.4507, 94.1468



74.4865, 77.4507, 96.6349

# Sweetspot

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



76.2317, 77.4541, 75.2234



91.2482, 94.9549, 99.7450



76.6483, 73.8505, 89.0403



19.3818, 20.1259, 20.9925



0.0000, 0.0000, 0.0000

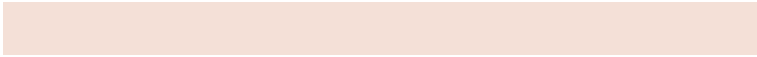


20.3446, 21.4041, 23.3091

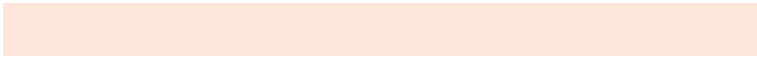


# Same Dimension

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



76.2317, 77.4541, 75.2234



82.4698, 83.1984, 78.9374



80.2076, 85.4058, 76.5486



16.9189, 17.3218, 17.2493



21.7891, 13.4639, 1.4504



2.0027, 1.3586, 0.1567

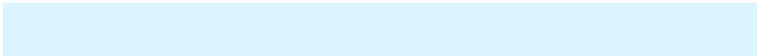


# Inverse Universe

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



74.0614, 80.3937, 97.2028



79.6789, 86.9769, 107.1964



70.1581, 72.5871, 95.9017



16.5373, 17.8389, 21.1142



16.6438, 19.0814, 49.3439

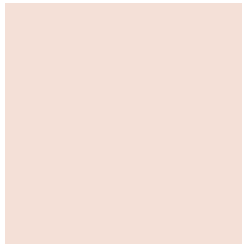


1.5540, 1.8595, 4.3672



# Previews

## White Background



This preview shows how the XYZ color 76.2296, 77.4507, 75.2217 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

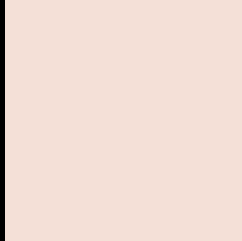
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.2296, 77.4507, 75.2217 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

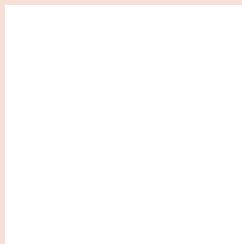
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 76.2296, 77.4507, 75.2217**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.2296, 77.4507, 75.2217.



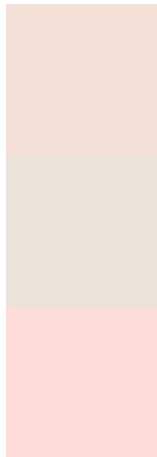
This preview shows how white text looks on a background with the XYZ color 76.2296, 77.4507,

75.2217.

# 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

76.2296, 77.4507, 75.2217

### Protanopia

74.2544, 77.6101, 76.7123

### Deuteranopia

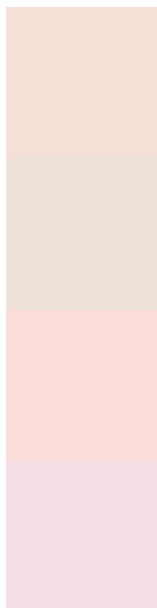
78.8609, 77.2151, 75.7133



## Tritanopia

79.6468, 77.6601, 91.6810

# Trichromacy



## Original Color

76.2296, 77.4507, 75.2217

## Protanomaly

74.8509, 77.5277, 75.9850

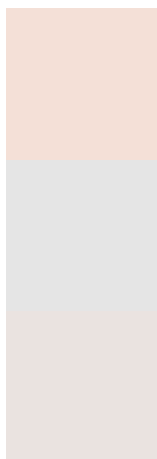
## Deuteranomaly

77.6755, 76.9948, 75.7333

## Tritanomaly

78.4102, 77.5486, 85.6986

# Monochromacy



## Original Color

76.2296, 77.4507, 75.2217

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

74.8553, 77.8124, 81.5950

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.2296, 77.4507, 75.2217 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(244, 224, 215) looks like.

```
.text, #text, p{  
    color:rgb(244, 224, 215)  
}
```

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(244, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 224, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 76.2296, 77.4507, 75.2217 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(244, 224, 215) }
```



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

```
.border{ border-color:rgb(244, 224, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 224, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 224,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.2296, 77.4507, 75.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 224, 215) }
```

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

```
.background{ background-color: rgb(244,  
224, 215) }
```

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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