

# Converting Colors

XYZ(76.4758, 77.9032, 75.9329)

Have a look what the booklet for  
XYZ(76.4758, 77.9032, 75.9329)  
contains.

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# Color

**XYZ(76.6281, 78.0414,  
75.9905)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4E1D8
RGB	244, 225, 216
RGB Percent	96%, 88%, 85%
CMY	0.0431, 0.1176, 0.1529
CMYK	0.00, 0.08, 0.11, 0.04
HSL	19°, 56%, 90%
HSV	19°, 11%, 96%
XYZ	76.6281, 78.0414, 75.9905
YIQ	229.6550, 14.2130, 1.2290

# Conversions

## Conversions Part 2

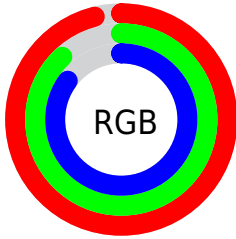
Format	Color
<a href="#">RYB</a>	<a href="#">244, 229, 216</a>
Decimal	<a href="#">16048600</a>
CIELab	<a href="#">90.80, 5.02, 6.73</a>
CIElCh	<a href="#">91, 8.396, 53.301</a>
Yxy	<a href="#">78.0414, 0.3322, 0.3383</a>
Android (android.graphics.Color)	<a href="#">4294238680 (0xFFFF4E1D8)</a>
YUV	<a href="#">229.6550, -6.7319, 12.5806</a>
Hunter-Lab	<a href="#">88.3410, 0.2363, 10.8378</a>

# Details

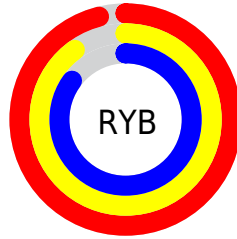
The XYZ color **76.6281, 78.0414, 75.9905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3560, 80.5456, 97.2166**, and the grayscale version is **75.0015, 78.9074, 85.9301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5468, 42.0140, 39.6380** is the 20% darker color. If you saturate the color by 10%, you get **69.4453, 68.3542, 59.1715**, and if you desaturate by 10%, it is **84.7176, 88.7906, 95.4245**.

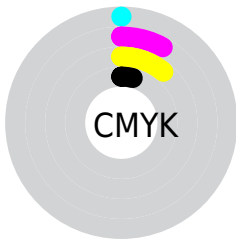
# Distribution



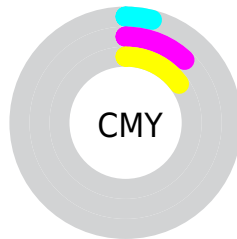
- Red (96%)
- Green (88%)
- Blue (85%)



- Red (96%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6281, 78.0414, 75.9905 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 76.6281, 78.0414, 75.9905 by changing the saturation by 10% instead.




 76.6281, 78.0414,  
75.9905

 76.6281, 78.0414,  
75.9905


472.4065,  
488.3074, 500.6611

 57.2466, 58.1080,  
55.9181


127.5900,  
130.6085, 129.4734

 41.4441, 41.8955,  
39.7337


159.9011,  
164.0109, 163.7211

 28.8555, 29.0195,  
27.0188

197.2527,  
202.6719, 203.5309

 19.1153, 19.0955,  
17.3548

240.0102,  
246.9757, 249.3214

 11.8581, 11.7393,  
10.3231

288.5390,  
297.3067, 301.5111

 6.7186, 6.5664,  
5.5053

343.2044,

 3.3315, 3.1925,

354.0494, 360.5186

2.4828

404.3718,  
417.5882, 426.7624

■ 1.3314, 1.2330,  
0.8310

■ 0.2065, 0.0884,  
0.0000

■ 76.6281, 78.0414,  
75.9905

■ 76.6281, 78.0414,  
75.9905

■ 69.4453, 68.3542,  
59.1715

■ 84.7176, 88.7906,  
95.4245

■ 63.1298, 59.6858,  
44.8501

■ 91.1186, 97.9733,  
108.7160

■ 57.6489, 52.0053,  
32.9074

■ 52.9650, 45.2759,  
23.2124

■ 49.0377, 39.4588,  
15.6217

■ 45.8223, 34.5120,  
9.9749

■ 43.2689, 30.3900,  
6.0883

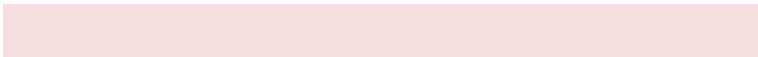
■ 41.3196, 27.0418,  
3.7416

■ 40.0663, 24.7488,  
2.6653

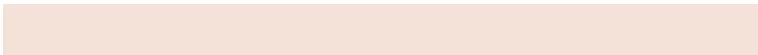
# Harmonies

## Analogous

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



77.9665, 78.0414, 80.4583



76.6281, 78.0414, 75.9905



74.6505, 78.0414, 73.9442

# Triad

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



76.6281, 78.0414, 75.9905



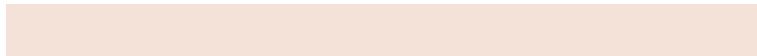
70.2176, 78.0414, 83.6250



75.7931, 78.0414, 96.1030

# Complementary

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



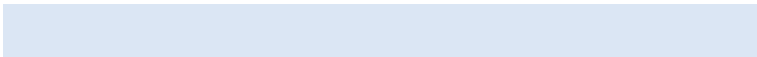
76.6281, 78.0414, 75.9905



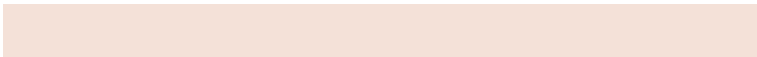
74.3560, 80.5456, 97.2166

# 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.



73.7035, 78.0414, 97.0491



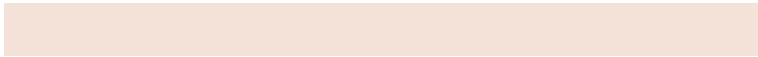
76.6281, 78.0414, 75.9905



70.5104, 78.0414, 89.6552

# Square

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



76.6281, 78.0414, 75.9905



70.9691, 78.0414, 78.2148



71.7768, 78.0414, 94.6386

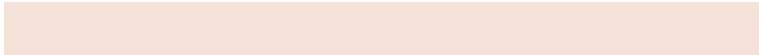


77.4781, 78.0414, 92.1114

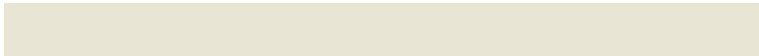


# Rectangle

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



76.6281, 78.0414, 75.9905



73.2461, 78.0414, 74.1562



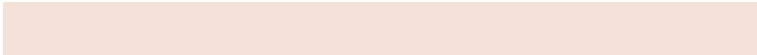
71.7768, 78.0414, 94.6386



75.1137, 78.0414, 96.7953

# Sweetspot

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



76.6303, 78.0448, 75.9922



92.2092, 96.2503, 101.9974



76.8797, 74.3518, 88.9985



19.5774, 20.3910, 21.4466



0.0000, 0.0000, 0.0000

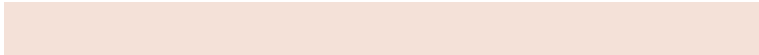


20.3446, 21.4041, 23.3091

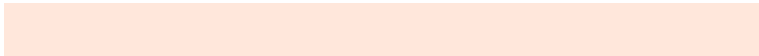


# Same Dimension

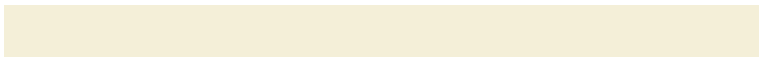
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6303, 78.0448, 75.9922



82.5803, 83.4195, 78.9742



80.5312, 85.8468, 77.2925



16.9342, 17.3525, 17.2544



21.8949, 13.6754, 1.4856



2.0135, 1.3802, 0.1603

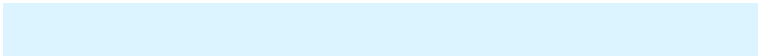


# Inverse Universe

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



74.3560, 80.5456, 97.2166



79.5600, 86.7391, 107.1568



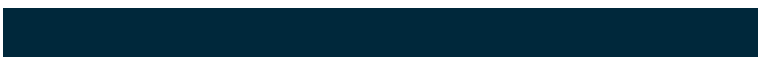
70.5407, 72.9150, 95.9448



16.5212, 17.8067, 21.1088



16.3764, 18.5465, 49.2547

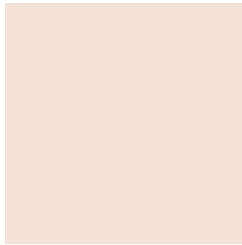


1.5321, 1.8155, 4.3599



# Previews

## White Background



This preview shows how the XYZ color 76.6281, 78.0414, 75.9905 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

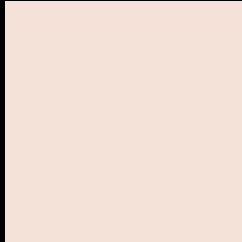
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.6281, 78.0414, 75.9905 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

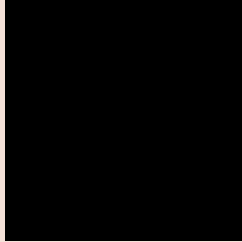
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

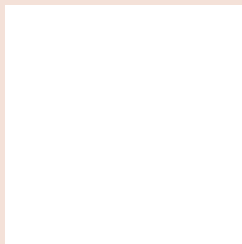
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 76.6281, 78.0414, 75.9905

## Background



This preview shows how black text looks on a background with the XYZ color 76.6281, 78.0414, 75.9905.



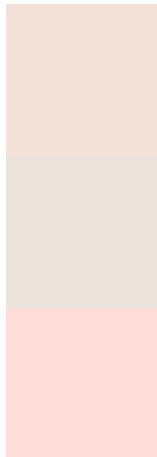
This preview shows how white text looks on a background with the XYZ color 76.6281, 78.0414,

75.9905.

# 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

76.6281, 78.0414, 75.9905

### Protanopia

74.6592, 78.2109, 77.4909

### Deuteranopia

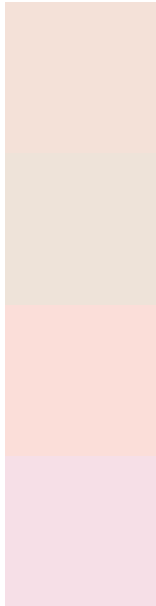
79.6208, 77.9827, 76.5013



## Tritanopia

80.0590, 78.2487, 92.5453

# Trichromacy



## Original Color

76.6281, 78.0414, 75.9905

## Protanomaly

75.2534, 78.1251, 76.7590

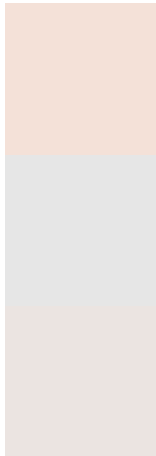
## Deuteranomaly

78.4293, 77.7615, 76.5214

## Tritanomaly

78.8175, 78.1377, 86.5293

# Monochromacy



## Original Color

76.6281, 78.0414, 75.9905

## Achromatopsia

75.2129, 79.1298, 86.1723

## Achromatomaly

75.5950, 78.5852, 82.4183

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.6281, 78.0414, 75.9905 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, 225, 216) looks like.

```
.text, #text, p{  
    color:rgb(244, 225, 216)  
}
```

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, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 225, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 76.6281, 78.0414, 75.9905 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, 225, 216) }
```



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

```
.border{ border-color:rgb(244, 225, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(244, 225,  
216) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.6281, 78.0414, 75.9905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 225, 216) }
```

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

```
.background{ background-color: rgb(244,  
225, 216) }
```

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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