

# Converting Colors

XYZ(74.7892, 78.6149, 62.2713)

Have a look what the booklet for XYZ(74.7892, 78.6149, 62.2713) contains.

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# Color

**XYZ(74.7892, 78.6149,  
62.2713)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4E4C2
RGB	244, 228, 194
RGB Percent	96%, 89%, 76%
CMY	0.0431, 0.1059, 0.2392
CMYK	0.00, 0.07, 0.20, 0.04
HSL	41°, 69%, 86%
HSV	41°, 20%, 96%
XYZ	74.7892, 78.6149, 62.2713
YIQ	228.9080, 20.4500, -7.1820

# Conversions

## Conversions Part 2

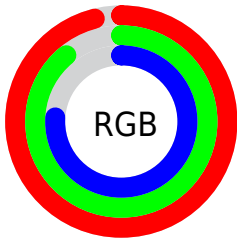
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 244, 194
Decimal	16049346
CIE Lab	91.06, 0.14, 18.57
CIE LCh	91, 18.574, 89.568
Yxy	78.6149, 0.3468, 0.3645
Android (android.graphics.Color)	4294239426 (0xFFFF4E4C2)
YUV	228.9080, -17.2096, 13.2357
Hunter-Lab	88.6650, -4.5986, 20.4249

# Details

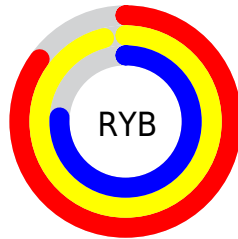
The XYZ color **74.7892, 78.6149, 62.2713** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.6235, 64.0927, 94.7116**, and the grayscale version is **74.5223, 78.4032, 85.3811**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **40.1707, 42.3454, 30.8672** is the 20% darker color. If you saturate the color by 10%, you get **70.1723, 73.4121, 48.3045**, and if you desaturate by 10%, it is **79.9572, 84.1987, 78.6435**.

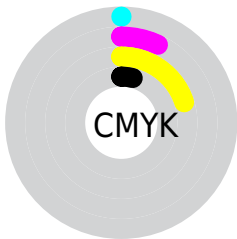
# Distribution



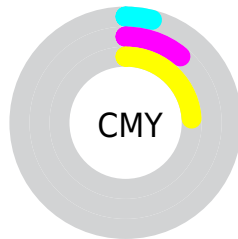
- Red (96%)
- Green (89%)
- Blue (76%)



- Red (85%)
- Yellow (96%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7892, 78.6149, 62.2713 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 74.7892, 78.6149, 62.2713 by changing the saturation by 10% instead.



74.7892, 78.6149,  
62.2713

74.7892, 78.6149,  
62.2713

466.2011,  
490.2526, 450.9550

55.7338, 58.5792,  
44.8147

125.0034,  
131.4166, 109.6929

40.2257, 42.2745,  
30.9696

156.8929,  
164.9514, 140.4951

27.8995, 29.3163,  
20.3175

193.7912,  
203.7547, 176.5829

18.3900, 19.3202,  
12.4397

236.0636,  
248.2109, 218.3748

11.3317, 11.9019,  
6.9177

284.0754,  
298.7044, 266.2895

6.3594, 6.6769,  
3.3330

338.1920,

3.1075, 3.2609,

355.6196, 320.7453

1.2671

398.7788,  
419.3409, 382.1610

■ 1.2109, 1.2694,  
0.0346

■ 0.1149, 0.1173,  
0.0000

■ 74.7892, 78.6149,  
62.2713

■ 74.7892, 78.6149,  
62.2713

■ 70.1723, 73.4121,  
48.3045

■ 79.9572, 84.1987,  
78.6435

■ 66.0771, 68.5684,  
36.6221

■ 85.6918, 90.1635,  
97.5241

■ 62.4807, 64.0752,  
27.1001

■ 89.9878, 95.7119,  
108.3391

■ 59.3555, 59.9195,  
19.6008

■ 91.1184, 97.9732,  
108.7160

■ 56.6711, 56.0869,  
13.9701

■ 54.3927, 52.5613,  
10.0319

■ 52.4792, 49.3240,  
7.5758

■ 50.9346, 46.4856,  
6.2881

# Harmonies

## Analogous

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



79.3851, 78.6149, 65.1950



74.7892, 78.6149, 62.2713



70.3566, 78.6149, 65.0325

# Triad

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



74.7892, 78.6149, 62.2713



67.1449, 78.6149, 98.9930



82.7739, 78.6149, 99.3655

# Complementary

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



74.7892, 78.6149, 62.2713



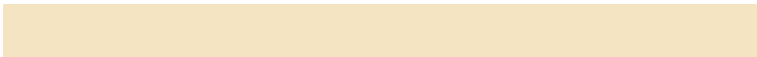
61.6235, 64.0927, 94.7116

# Split Complementary

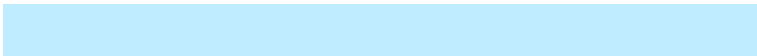
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2624, 78.6149, 110.0982



74.7892, 78.6149, 62.2713



70.2434, 78.6149, 109.8678

# Square

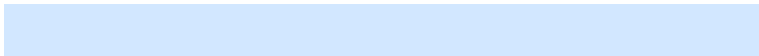
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7892, 78.6149, 62.2713



66.0568, 78.6149, 85.4034



74.6530, 78.6149, 114.1255



84.1117, 78.6149, 85.7934

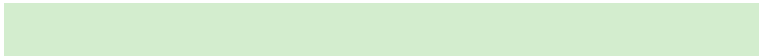


# Rectangle

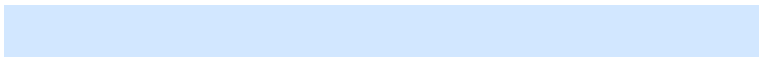
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7892, 78.6149, 62.2713



68.0615, 78.6149, 69.9093



74.6530, 78.6149, 114.1255



81.8016, 78.6149, 103.4747

# Sweetspot

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



74.7913, 78.6184, 62.2730



91.1420, 95.9703, 95.9250



68.3169, 62.5041, 69.8739



19.4201, 20.4497, 20.2429



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.



74.7913, 78.6184, 62.2730



80.2673, 84.2241, 61.4609



76.5704, 86.3728, 63.6759



17.4416, 18.3674, 17.4236



27.8241, 25.5337, 3.4620



2.5380, 2.4292, 0.3351



# Inverse Universe

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



61.6235, 64.0927, 94.7116



63.0533, 65.2378, 103.8766



60.0693, 57.7194, 93.5634



16.0139, 16.7920, 20.9397



10.4712, 6.7362, 47.2864

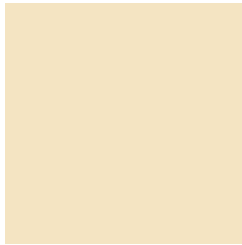


1.0092, 0.7699, 4.1856



# Previews

## White Background



This preview shows how the XYZ color 74.7892, 78.6149, 62.2713 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

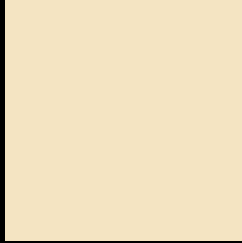
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.7892, 78.6149, 62.2713 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

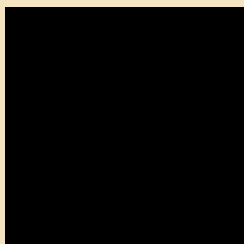
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

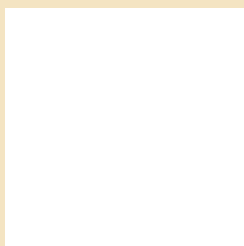
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.7892, 78.6149, 62.2713**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.7892, 78.6149, 62.2713.



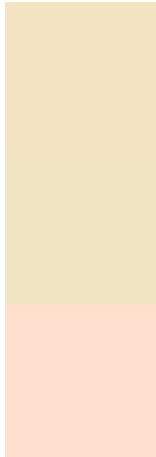
This preview shows how white text looks on a background with the XYZ color 74.7892, 78.6149,



# 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

74.7892, 78.6149, 62.2713

### Protanopia

74.0325, 78.6344, 62.3150

### Deuteranopia

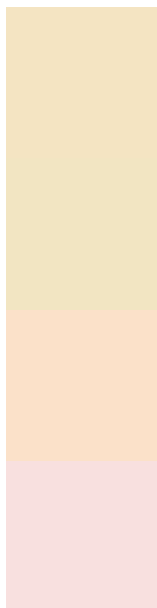
78.6471, 78.4431, 68.7535



## Tritanopia

81.1256, 78.7985, 92.5952

# Trichromacy



## Original Color

74.7892, 78.6149, 62.2713

## Protanomaly

74.3749, 78.8109, 62.3310

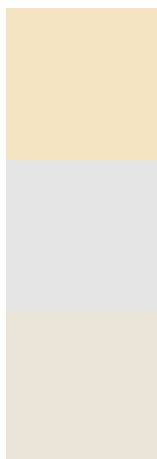
## Deuteranomaly

77.2515, 78.5767, 66.3536

## Tritanomaly

78.6863, 78.5955, 80.8353

# Monochromacy



## Original Color

74.7892, 78.6149, 62.2713

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

74.3457, 78.4889, 76.1972

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.7892, 78.6149, 62.2713 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, 228, 194)` looks like.

```
.text, #text, p{  
    color:rgb(244, 228, 194)  
}
```

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, 228, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 228, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 74.7892, 78.6149, 62.2713 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, 228, 194) }
```



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

```
.border{ border-color:rgb(244, 228, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 228, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 228, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 228, 194);  
box-shadow:4px 4px 4px 4px rgb(244, 228,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.7892, 78.6149, 62.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 228, 194) }
```

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

```
.background{ background-color: rgb(244,  
228, 194) }
```

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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