

# Converting Colors

XYZ(77.2559, 77.2464, 70.5297)

Have a look what the booklet for  
XYZ(77.2559, 77.2464, 70.5297)  
contains.

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# Color

**XYZ(77.2901, 77.3058,  
70.5224)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FBDED0
RGB	251, 222, 208
RGB Percent	98%, 87%, 82%
CMY	0.0157, 0.1294, 0.1843
CMYK	0.00, 0.12, 0.17, 0.02
HSL	20°, 84%, 90%
HSV	20°, 17%, 98%
XYZ	77.2901, 77.3058, 70.5224
YIQ	229.0750, 21.7780, 1.7940

# Conversions

## Conversions Part 2

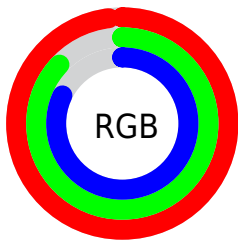
Format	Color
R <sub>Y</sub> B	251, 229, 208
Decimal	16506576
CIE Lab	90.46, 7.80, 10.51
CIE LCh	90, 13.094, 53.410
Yxy	77.3058, 0.3433, 0.3434
Android (android.graphics.Color)	4294696656 (0xFFFBDED0)
YUV	229.0750, -10.3900, 19.2282
Hunter-Lab	87.9237, 3.0455, 13.9909

# Details

The XYZ color **77.2901, 77.3058, 70.5224** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7088, 80.9416, 103.0059**, and the grayscale version is **74.5959, 78.4807, 85.4655**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8996, 41.4399, 36.3622** is the 20% darker color. If you saturate the color by 10%, you get **70.1716, 67.6254, 54.1006**, and if you desaturate by 10%, it is **85.3529, 88.0912, 89.6717**.

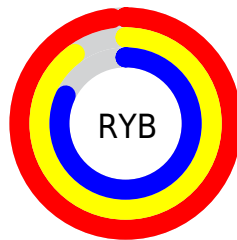
# Distribution



Red (98%)

Green (87%)

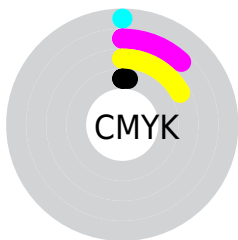
Blue (82%)



Red (98%)

Yellow (90%)

Blue (82%)

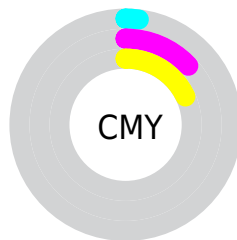


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (2%)



Cyan (2%)

Magenta (13%)


Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2901, 77.3058, 70.5224 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 77.2901, 77.3058, 70.5224 by changing the saturation by 10% instead.




 77.2901, 77.3058,  
70.5224

 77.2901, 77.3058,  
70.5224

474.6293,  
485.8060, 481.2207

 57.7918, 57.5039,  
51.4731


128.5196,  
129.5711, 121.6415

 41.8839, 41.4099,  
36.2059


160.9814,  
162.8032, 154.5484

 29.2011, 28.6395,  
24.3023

198.4951,  
201.2809, 192.9116

 19.3780, 18.8083,  
15.3438

241.4261,  
245.3885, 237.1496

 12.0494, 11.5318,  
8.9117

290.1396,  
295.5104, 287.6810

 6.8498, 6.4258,  
4.5876

345.0011,

 3.4138, 3.1057,

352.0310, 344.9243

1.9529

406.3759,  
415.3348, 409.2980

■ 1.3762, 1.1871,  
0.5261

■ 0.2392, 0.0512,  
0.0000

■ 77.2901, 77.3058,  
70.5224

■ 77.2901, 77.3058,  
70.5224

■ 70.1716, 67.6254,  
54.1006

■ 85.3529, 88.0912,  
89.6717

■ 63.9549, 59.0041,  
40.2764

■ 93.5940, 99.2494,  
108.8319

■ 58.6034, 51.4074,  
28.9162

■ 54.0755, 44.7956,  
19.8727

■ 50.3258, 39.1257,  
12.9826

■ 47.3038, 34.3513,  
8.0609

■ 44.9518, 30.4214,  
4.8907

■ 43.1996, 27.2776,  
3.1950

■ 42.7823, 26.5060,  
2.8613

# Harmonies

## Analogous

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



79.4012, 77.3058, 77.2171



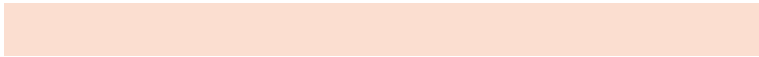
77.2901, 77.3058, 70.5224



74.2010, 77.3058, 67.5170

# Triad

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



77.2901, 77.3058, 70.5224



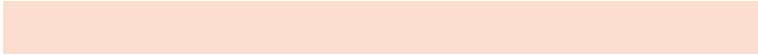
67.4042, 77.3058, 82.1226



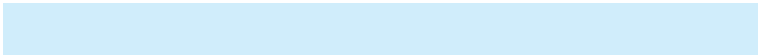
76.0042, 77.3058, 101.8088

# Complementary

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



77.2901, 77.3058, 70.5224



73.7088, 80.9416, 103.0059

# 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.



72.7574, 77.3058, 103.3648



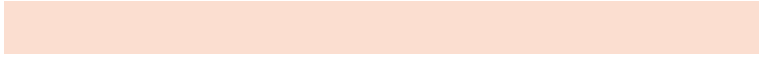
77.2901, 77.3058, 70.5224



67.8548, 77.3058, 91.5344

# Square

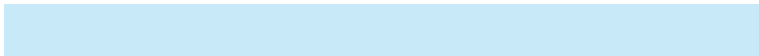
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2901, 77.3058, 70.5224



68.5416, 77.3058, 73.8857



69.7911, 77.3058, 99.4801



78.6435, 77.3058, 95.3731



# Rectangle

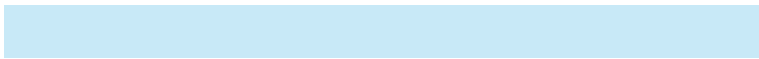
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2901, 77.3058, 70.5224



72.0278, 77.3058, 67.8387



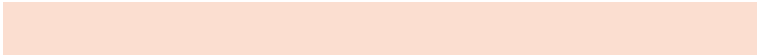
69.7911, 77.3058, 99.4801



74.9452, 77.3058, 102.9387

# Sweetspot

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



77.2922, 77.3093, 70.5240



90.3829, 93.8425, 97.5511



77.6825, 71.7589, 90.1721



19.2097, 19.9060, 20.5514



0.0000, 0.0000, 0.0000

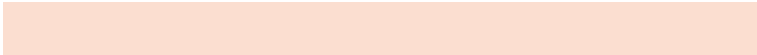


20.3446, 21.4041, 23.3091



# Same Dimension

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



77.2922, 77.3093, 70.5240



77.1386, 76.1042, 66.1602



83.2551, 89.2352, 72.5117



17.7062, 18.1483, 18.0321



22.6052, 14.1670, 1.5431

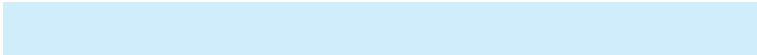


2.1858, 1.4964, 0.1736

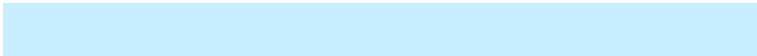


# Inverse Universe

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



73.7088, 80.9416, 103.0059



72.7050, 80.5928, 106.3317



67.9520, 69.4280, 101.0870



17.2615, 18.5998, 22.0656



16.7735, 18.9026, 50.7381

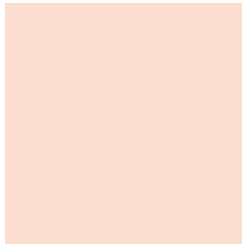


1.6499, 1.9436, 4.7314



# Previews

## White Background



This preview shows how the XYZ color 77.2901, 77.3058, 70.5224 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

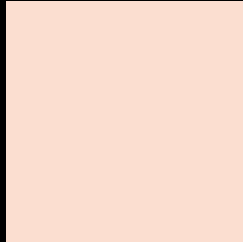
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.2901, 77.3058, 70.5224 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

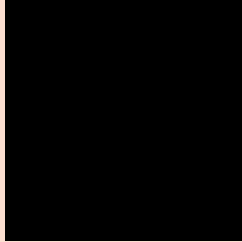
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 77.2901, 77.3058, 70.5224

## Background



This preview shows how black text looks on a background with the XYZ color 77.2901, 77.3058, 70.5224.



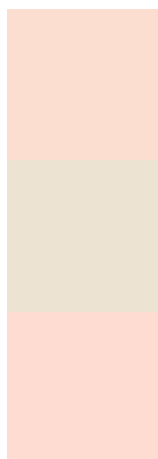
This preview shows how white text looks on a background with the XYZ color 77.2901, 77.3058,

70.5224.

# 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

77.2901, 77.3058, 70.5224

### Protanopia

73.8190, 77.4742, 72.6913

### Deuteranopia

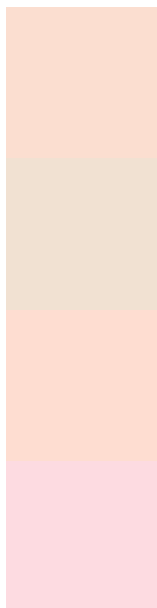
78.4661, 77.0995, 71.7189



## Tritanopia

80.9399, 77.2118, 89.2346

# Trichromacy



## Original Color

77.2901, 77.3058, 70.5224

## Protanomaly

74.8337, 77.2043, 71.9305

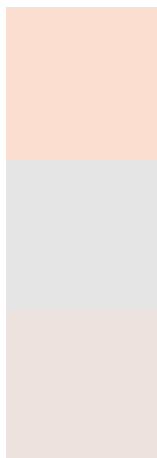
## Deuteranomaly

78.2381, 77.3872, 71.1352

## Tritanomaly

79.4301, 76.9819, 81.9067

# Monochromacy



## Original Color

77.2901, 77.3058, 70.5224

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

75.1726, 77.6177, 79.4263

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.2901, 77.3058, 70.5224 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(251, 222, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 222, 208)  
}
```

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(251, 222, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 222, 208) }
```

## Border

The CSS property to change the border of an element to XYZ 77.2901, 77.3058, 70.5224 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(251, 222, 208) }
```



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

```
.border{ border-color:rgb(251, 222, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 222, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 222, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 222, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 222,  
208) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.2901, 77.3058, 70.5224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 222, 208) }
```

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

```
.background{ background-color: rgb(251,  
222, 208) }
```

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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