

# Converting Colors

XYZ(77.3966, 78.5135, 72.7045)

Have a look what the booklet for  
XYZ(77.3966, 78.5135, 72.7045)  
contains.

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# Color

**XYZ(77.3945, 78.5100,  
72.7028)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8E1D3
RGB	248, 225, 211
RGB Percent	97%, 88%, 83%
CMY	0.0274, 0.1176, 0.1725
CMYK	0.00, 0.09, 0.15, 0.03
HSL	23°, 73%, 90%
HSV	23°, 15%, 97%
XYZ	77.3945, 78.5100, 72.7028
YIQ	230.2810, 18.2020, 0.5220

# Conversions

## Conversions Part 2

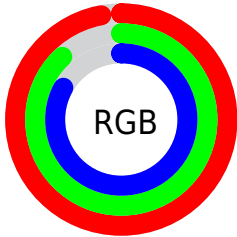
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 234, 211
Decimal	16310739
CIE <sub>Lab</sub>	91.01, 5.64, 9.70
CIE <sub>LCh</sub>	91, 11.219, 59.795
Yxy	78.5100, 0.3385, 0.3434
Android (android.graphics.Color)	4294500819 (0xFFFF8E1D3)
YUV	230.2810, -9.5055, 15.5396
Hunter-Lab	88.6059, 0.8540, 13.3755

# Details

The XYZ color **77.3945, 78.5100, 72.7028** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2297, 79.4703, 100.2874**, and the grayscale version is **75.4824, 79.4133, 86.4811**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8613, 42.2261, 37.3966** is the 20% darker color. If you saturate the color by 10%, you get **70.5423, 69.4027, 56.2449**, and if you desaturate by 10%, it is **85.1069, 88.5685, 91.8157**.

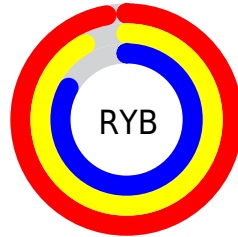
# Distribution



Red (97%)

Green (88%)

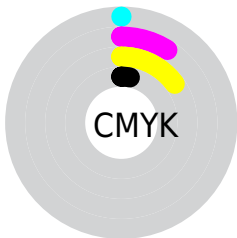
Blue (83%)



Red (97%)

Yellow (92%)

Blue (83%)

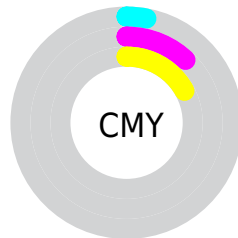


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (3%)



Cyan (3%)

Magenta (12%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3945, 78.5100, 72.7028 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 77.3945, 78.5100, 72.7028 by changing the saturation by 10% instead.



77.3945, 78.5100,  
72.7028

77.3945, 78.5100,  
72.7028

474.9794,  
489.8971, 489.0273

57.8778, 58.4930,  
53.2426

128.6661,  
131.2688, 124.7722

41.9533, 42.2051,  
37.6075

161.1517,  
164.7794, 158.2185

29.2556, 29.2620,  
25.3787

198.6909,  
203.5567, 197.1640

19.4196, 19.2791,  
16.1378

241.6491,  
247.9851, 242.0271

12.0796, 11.8721,  
9.4663

290.3918,  
298.4489, 293.2265

6.8705, 6.6566,  
4.9456

345.2841,

3.4269, 3.2483,

355.3326, 351.1806

2.1572

406.6915,  
419.0205, 416.3080

■ 1.3833, 1.2627,  
0.6495

■ 0.2443, 0.1120,  
0.0000

■ 77.3945, 78.5100,  
72.7028

■ 77.3945, 78.5100,  
72.7028

■ 70.5423, 69.4027,  
56.2449

■ 85.1069, 88.5685,  
91.8157

■ 64.5120, 61.2075,  
42.3182

■ 92.5218, 98.6966,  
108.7817

■ 59.2718, 53.8979,  
30.7966

■ 54.7853, 47.4420,  
21.5410

■ 51.0125, 41.8057,  
14.3977

■ 47.9096, 36.9523,  
9.1938

■ 45.4265, 32.8417,  
5.7283

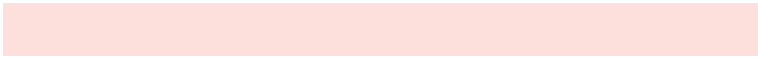
■ 43.5038, 29.4286,  
3.7548

■ 42.7028, 27.9387,  
3.1420

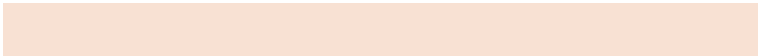
# Harmonies

## Analogous

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



79.4472, 78.5100, 77.9671



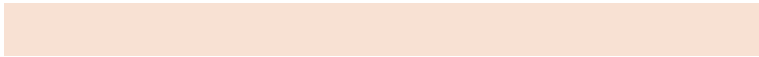
77.3945, 78.5100, 72.7028



74.6409, 78.5100, 70.8188

# Triad

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



77.3945, 78.5100, 72.7028



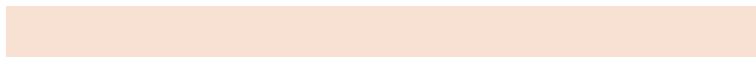
69.3077, 78.5100, 85.4281



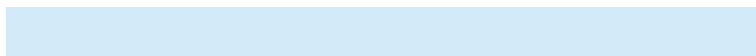
77.3599, 78.5100, 99.7437

# Complementary

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



77.3945, 78.5100, 72.7028



73.2297, 79.4703, 100.2874

# 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.



74.6019, 78.5100, 102.0458



77.3945, 78.5100, 72.7028



69.9951, 78.5100, 93.4693

# Square

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



77.3945, 78.5100, 72.7028



70.0138, 78.5100, 77.8761



71.9153, 78.5100, 99.6818



79.4268, 78.5100, 93.5721



# Rectangle

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



77.3945, 78.5100, 72.7028



72.7926, 78.5100, 71.6346



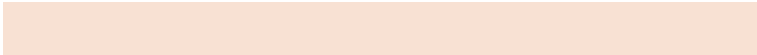
71.9153, 78.5100, 99.6818



76.4806, 78.5100, 101.0125

# Sweetspot

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



77.3966, 78.5135, 72.7045



91.4618, 95.3822, 99.8162



76.9202, 72.5115, 88.1116



19.4358, 20.2338, 21.0105



0.0000, 0.0000, 0.0000

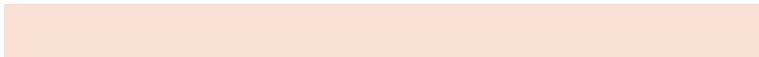


20.3446, 21.4041, 23.3091

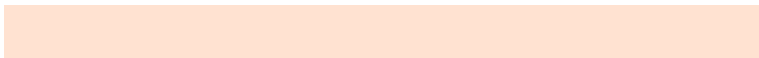


# Same Dimension

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



77.3966, 78.5135, 72.7045



80.0862, 80.5188, 71.7072



82.5407, 88.8016, 74.4191



17.7830, 18.3018, 18.0577



23.1922, 15.3410, 1.7387

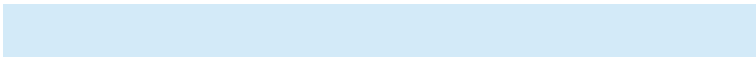


2.2465, 1.6178, 0.1939

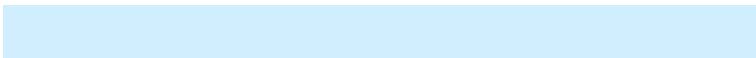


# Inverse Universe

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



73.2297, 79.4703, 100.2874



74.8388, 81.7219, 106.4372



68.3471, 69.7049, 98.6599



17.1817, 18.4401, 22.0390



15.5464, 16.4483, 50.3290

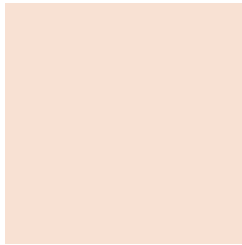


1.5420, 1.7276, 4.6954



# Previews

## White Background



This preview shows how the XYZ color 77.3945, 78.5100, 72.7028 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

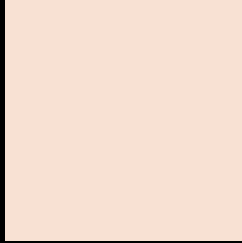
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.3945, 78.5100, 72.7028 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

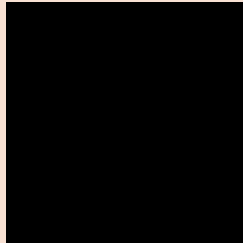
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 77.3945, 78.5100, 72.7028**

## **Background**



This preview shows how black text looks on a background with the XYZ color 77.3945, 78.5100, 72.7028.



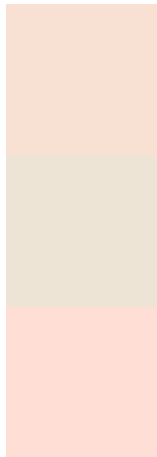
This preview shows how white text looks on a background with the XYZ color 77.3945, 78.5100,



# 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

77.3945, 78.5100, 72.7028

### Protanopia

74.6787, 78.2954, 74.1273

### Deuteranopia

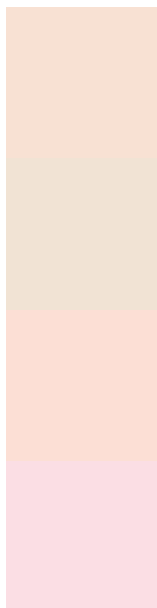
79.4989, 78.3576, 74.5528



## Tritanopia

81.4340, 78.5814, 91.7646

# Trichromacy



## Original Color

77.3945, 78.5100, 72.7028

## Protanomaly

75.6284, 78.3924, 73.4326

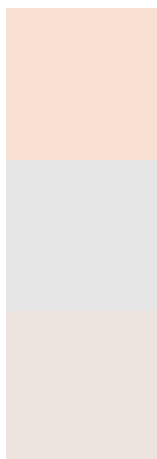
## Deuteranomaly

78.5428, 78.2749, 73.9197

## Tritanomaly

79.9085, 78.3532, 84.3108

# Monochromacy



## Original Color

77.3945, 78.5100, 72.7028

## Achromatopsia

75.2129, 79.1298, 86.1723

## Achromatomaly

75.9877, 78.8190, 81.0207

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.3945, 78.5100, 72.7028 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(248, 225, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 225, 211)  
}
```

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(248, 225, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 225, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 77.3945, 78.5100, 72.7028 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(248, 225, 211) }
```



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

```
.border{ border-color:rgb(248, 225, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 225, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 225, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 225, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 225,  
211) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.3945, 78.5100, 72.7028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 225, 211) }
```

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

```
.background{ background-color: rgb(248,  
225, 211) }
```

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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