

# Converting Colors

XYZ(78.7372, 76.2691, 77.5433)

Have a look what the booklet for  
XYZ(78.7372, 76.2691, 77.5433)  
contains.

<b>XYZ(78.7306, 76.3281, 77.6011)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(78.7306, 76.3281,  
77.6011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEDADB
RGB	254, 218, 219
RGB Percent	100%, 85%, 86%
CMY	0.0039, 0.1451, 0.1412
CMYK	0.00, 0.14, 0.14, 0.00
HSL	358°, 95%, 93%
HSV	358°, 14%, 100%
XYZ	78.7306, 76.3281, 77.6011
YIQ	228.8780, 21.1350, 7.9430

# Conversions

## Conversions Part 2

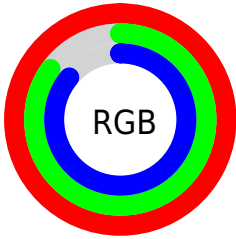
Format	Color
<a href="#">RYB</a>	<a href="#">254, 218, 219</a>
Decimal	<a href="#">16702171</a>
CIELab	<a href="#">90.01, 12.63, 4.13</a>
CIELCh	<a href="#">90, 13.287, 18.109</a>
Yxy	<a href="#">76.3281, 0.3384, 0.3281</a>
Android (android.graphics.Color)	<a href="#">4294892251</a> ( <a href="#">0xFF FEDADB</a> )
YUV	<a href="#">228.8780, -4.8699, 22.0320</a>
Hunter-Lab	<a href="#">87.3660, 7.9664, 8.4930</a>

# Details

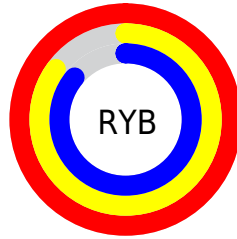
The XYZ color **78.7306, 76.3281, 77.6011** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0878, 92.8827, 106.5346**, and the grayscale version is **74.4120, 78.2873, 85.2548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8240, 40.7450, 40.7295** is the 20% darker color. If you saturate the color by 10%, you get **69.6281, 62.9457, 59.6980**, and if you desaturate by 10%, it is **89.3291, 91.9290, 98.3846**.

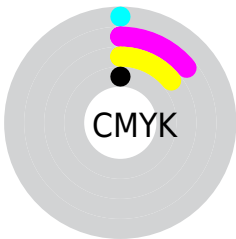
# Distribution



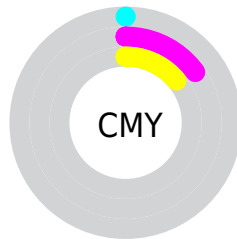
- Red (100%)
- Green (85%)
- Blue (86%)



- Red (100%)
- Yellow (85%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7306, 76.3281, 77.6011 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 78.7306, 76.3281, 77.6011 by changing the saturation by 10% instead.




 78.7306, 76.3281,  
77.6011

 78.7306, 76.3281,  
77.6011


479.4464,  
482.4701, 506.3030

 58.9792, 56.7016,  
57.2319


130.5395,  
128.1906, 131.7684

 42.8427, 40.7657,  
40.7808


163.3276,  
161.1954, 166.4035

 29.9557, 28.1361,  
27.8294


201.1921,  
199.4283, 206.6310

 19.9529, 18.4282,  
17.9592

244.4982,  
243.2739, 252.8694

 12.4688, 11.2579,  
10.7516

293.6114,  
293.1165, 305.5373

 7.1383, 6.2406,  
5.7880

348.8969,

 3.5958, 2.9919,

349.3404, 365.0532

2.6499

410.7201,  
412.3302, 431.8356

■ 1.4761, 1.1275,  
0.9180

■ 0.3095, 0.0013,  
0.0000

■ 78.7306, 76.3281,  
77.6011

■ 78.7306, 76.3281,  
77.6011

■ 69.6281, 62.9457,  
59.6980

■ 89.3291, 91.9290,  
98.3846

■ 61.9483, 51.6713,  
44.5438

94.6833, 99.8110,  
108.8828

■ 55.6213, 42.4008,  
32.0038

■ 50.5686, 35.0167,  
21.9302

■ 46.7039, 29.3897,  
14.1605

■ 43.9300, 25.3741,  
8.5126

■ 42.1346, 22.8006,  
4.7772

■ 41.1807, 21.4629,  
2.7024

■ 40.9118, 21.0864,  
2.1155

# Harmonies

## Analogous

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



78.9184, 76.3281, 86.8994



78.7306, 76.3281, 77.6011



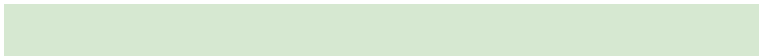
76.8560, 76.3281, 70.3329

# Triad

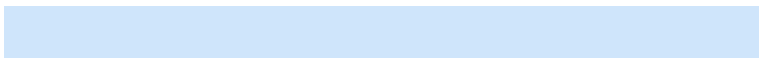
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7306, 76.3281, 77.6011



67.9377, 76.3281, 71.5838



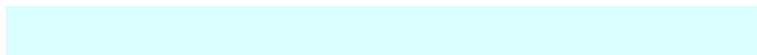
71.2513, 76.3281, 102.1359

# Complementary

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



78.7306, 76.3281, 77.6011



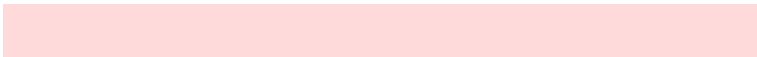
82.0878, 92.8827, 106.5346

# 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.



68.4033, 76.3281, 97.3441



78.7306, 76.3281, 77.6011



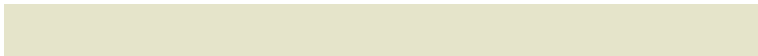
66.5292, 76.3281, 79.4292

# Square

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



78.7306, 76.3281, 77.6011



70.5982, 76.3281, 67.0440



66.6970, 76.3281, 88.8701



74.5325, 76.3281, 101.5533



# Rectangle

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



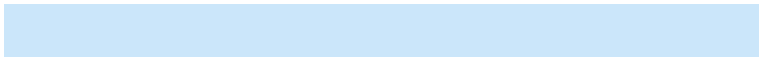
78.7306, 76.3281, 77.6011



74.9329, 76.3281, 67.3993



66.6970, 76.3281, 88.8701



70.2134, 76.3281, 101.0863

# Sweetspot

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



78.7327, 76.3315, 77.6027



90.3259, 93.0415, 99.6500



83.3981, 78.1471, 104.4549



19.1493, 19.6435, 20.9685



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

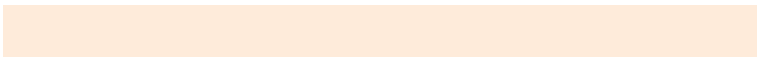
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7327, 76.3315, 77.6027



76.6871, 72.9686, 72.8928



83.1812, 85.4375, 78.4408



18.0297, 17.9952, 18.7738



21.5778, 11.1204, 1.1611

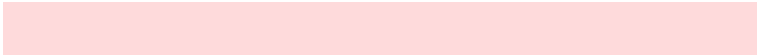


2.1078, 1.0855, 0.1491



# Inverse Universe

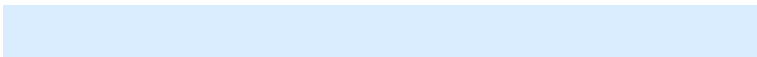
The Inverse Universe completely reimagines the original color for something new.



78.7327, 76.3315, 77.6027



76.6871, 72.9686, 72.8928



77.1479, 82.7483, 105.6725



18.0297, 17.9952, 18.7738



21.5778, 11.1204, 1.1611

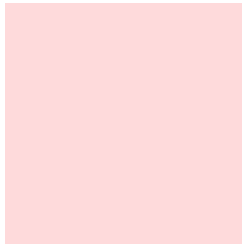


2.1078, 1.0855, 0.1491



# Previews

## White Background



This preview shows how the XYZ color 78.7306, 76.3281, 77.6011 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

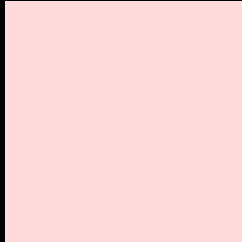
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 78.7306, 76.3281, 77.6011 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

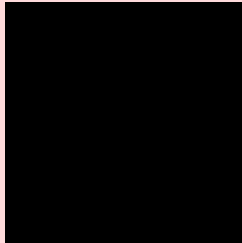
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 78.7306, 76.3281, 77.6011**

## **Background**



This preview shows how black text looks on a background with the XYZ color 78.7306, 76.3281, 77.6011.



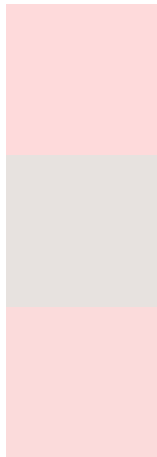
This preview shows how white text looks on a background with the XYZ color 78.7306, 76.3281,



# 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

78.7306, 76.3281, 77.6011

### Protanopia

73.4706, 76.7093, 80.7461

### Deuteranopia

77.9014, 76.2867, 77.6368



## Tritanopia

80.5038, 76.2549, 87.5665

# Trichromacy



## Original Color

78.7306, 76.3281, 77.6011

## Protanomaly

75.1691, 76.4000, 79.8921

## Deuteranomaly

78.2626, 76.4730, 77.6537

## Tritanomaly

80.0564, 76.4871, 83.9429

# Monochromacy



## Original Color

78.7306, 76.3281, 77.6011

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

75.7757, 77.4638, 82.1924

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 78.7306, 76.3281, 77.6011 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(254, 218, 219) looks like.

```
.text, #text, p{  
    color:rgb(254, 218, 219)  
}
```

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(254, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 218, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 78.7306, 76.3281, 77.6011 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(254, 218, 219) }
```



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

```
.border{ border-color:rgb(254, 218, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(254, 218,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 78.7306, 76.3281, 77.6011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 218, 219) }
```

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

```
.background{ background-color: rgb(254,  
218, 219) }
```

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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