

# Converting Colors

XYZ(73.1359, 70.0064, 77.8279)

Have a look what the booklet for  
XYZ(73.1359, 70.0064, 77.8279)  
contains.

<b>XYZ(73.1598, 70.0545, 78.0725)</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(73.1598, 70.0545,  
78.0725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D1DD
RGB	244, 209, 221
RGB Percent	96%, 82%, 87%
CMY	0.0431, 0.1804, 0.1333
CMYK	0.00, 0.14, 0.09, 0.04
HSL	339°, 61%, 89%
HSV	339°, 14%, 96%
XYZ	73.1598, 70.0545, 78.0725
YIQ	220.8330, 17.0080, 11.1520

# Conversions

## Conversions Part 2

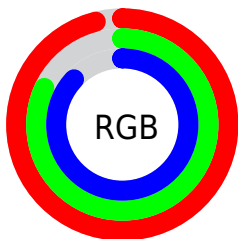
Format	Color
<b>R<sub>YB</sub></b>	244, 209, 221
Decimal	16044509
CIE <sub>Lab</sub>	87.02, 14.16, -1.38
CIE <sub>LCh</sub>	87, 14.228, 354.423
Yxy	70.0545, 0.3306, 0.3166
Android (android.graphics.Color)	4294234589 (0xFFF4D1DD)
YUV	220.8330, 0.0823, 20.3175
Hunter-Lab	83.6986, 9.5520, 3.2844

# Details

The XYZ color **73.1598, 70.0545, 78.0725** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2134, 84.0846, 88.7192**, and the grayscale version is **68.6029, 72.1756, 78.5992**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3433, 36.8872, 41.1227** is the 20% darker color. If you saturate the color by 10%, you get **65.5904, 58.1726, 65.5069**, and if you desaturate by 10%, it is **81.8541, 83.8578, 92.0216**.

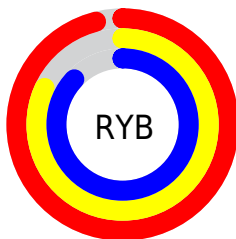
# Distribution



Red (96%)

Green (82%)

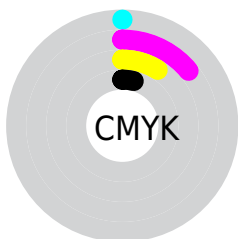
Blue (87%)



Red (96%)

Yellow (82%)

Blue (87%)

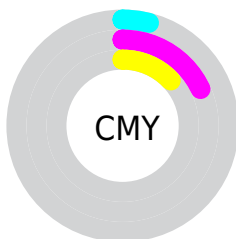


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (4%)



Cyan (4%)

Magenta (18%)


Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1598, 70.0545, 78.0725 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 73.1598, 70.0545, 78.0725 by changing the saturation by 10% instead.




 73.1598, 70.0545,  
78.0725

 73.1598, 70.0545,  
78.0725

460.6637,  
460.7413, 507.9475

 54.3955, 51.5710,  
57.6167


122.7060,  
119.2865, 132.4391

 39.1499, 36.6632,  
41.0879


154.2185,  
150.8037, 167.1871

 27.0576, 24.9468,  
28.0676


190.7112,  
187.4343, 207.5361

 17.7533, 16.0375,  
18.1371

232.5493,  
229.5626, 253.9049

 10.8716, 9.5507,  
10.8780

280.0983,  
277.5731, 306.7118

 6.0472, 5.1021,  
5.8717

333.7234,

 2.9148, 2.3073,

331.8501, 366.3756

2.6997

393.7901,  
392.7781, 433.3146

■ 1.1088, 0.7776,  
0.9433

■ 0.0325, 0.0000,  
0.0000

■ 73.1598, 70.0545,  
78.0725

■ 73.1598, 70.0545,  
78.0725

■ 65.5904, 58.1726,  
65.5069

■ 81.8541, 83.8578,  
92.0216

■ 59.0926, 48.1173,  
54.2766

■ 90.8100, 97.8498,  
107.0910

■ 53.6178, 39.7998,  
44.3368

■ 91.1186, 97.9733,  
108.7160

■ 49.1109, 33.1202,  
35.6383

■ 45.5115, 27.9683,  
28.1287

■ 42.7521, 24.2199,  
21.7512

■ 40.7550, 21.7313,  
16.4433

■ 39.4260, 20.3273,  
12.1345

■ 38.8946, 19.8677,  
10.0982

# Harmonies

## Analogous

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



71.9270, 70.0545, 87.4460



73.1598, 70.0545, 78.0725



72.5837, 70.0545, 68.9469

# Triad

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



73.1598, 70.0545, 78.0725



63.9733, 70.0545, 60.7758



62.9302, 70.0545, 92.1778

# Complementary

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



73.1598, 70.0545, 78.0725



73.2134, 84.0846, 88.7192

# 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.



60.9257, 70.0545, 84.1100



73.1598, 70.0545, 78.0725



61.5137, 70.0545, 66.1028

# Square

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



73.1598, 70.0545, 78.0725



67.2086, 70.0545, 59.4504



60.4158, 70.0545, 74.5101



65.9647, 70.0545, 96.0131



# Rectangle

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



73.1598, 70.0545, 78.0725



71.2610, 70.0545, 64.1535



60.4158, 70.0545, 74.5101



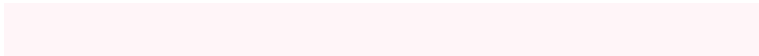
62.1176, 70.0545, 89.8400

# Sweetspot

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



73.1618, 70.0576, 78.0740



90.8212, 93.2396, 102.2584



72.3297, 69.2500, 95.1431



19.2742, 19.6935, 21.6262



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

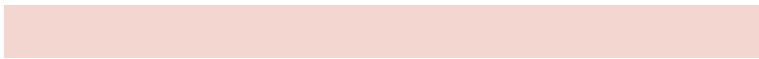
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1618, 70.0576, 78.0740



78.4936, 73.6912, 82.4053



72.9291, 72.0594, 70.3905



16.7336, 16.5763, 18.3435



21.2061, 10.8259, 5.7938



1.9101, 0.9700, 0.7532



# Inverse Universe

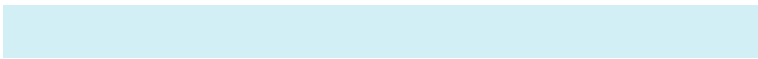
The Inverse Universe completely reimagines the original color for something new.



73.1618, 70.0576, 78.0740



78.4936, 73.6912, 82.4053



73.4193, 81.6756, 97.4841



16.7336, 16.5763, 18.3435



21.2061, 10.8259, 5.7938

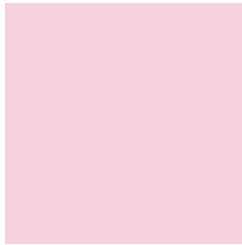


1.9101, 0.9700, 0.7532



# Previews

## White Background



This preview shows how the XYZ color 73.1598, 70.0545, 78.0725 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

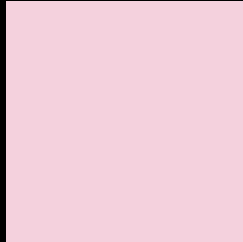
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.1598, 70.0545, 78.0725 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

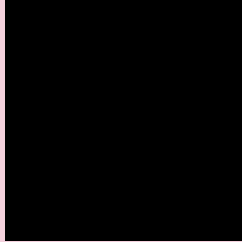
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.1598, 70.0545, 78.0725**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.1598, 70.0545, 78.0725.



This preview shows how white text looks on a background with the XYZ color 73.1598, 70.0545,

78.0725.

# 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

73.1598, 70.0545, 78.0725

### Protanopia

68.0555, 70.3323, 81.9401

### Deuteranopia

71.6053, 69.9861, 78.1413



## Tritanopia

73.4547, 69.7811, 80.8318

# Trichromacy



## Original Color

73.1598, 70.0545, 78.0725

## Protanomaly

69.8142, 70.1330, 80.3784

## Deuteranomaly

72.0329, 69.8389, 78.0903

## Tritanomaly

73.3186, 69.7267, 80.1153

# Monochromacy



## Original Color

73.1598, 70.0545, 78.0725

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

70.1771, 71.5042, 78.5096

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.1598, 70.0545, 78.0725 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, 209, 221) looks like.

```
.text, #text, p{  
    color:rgb(244, 209, 221)  
}
```

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, 209, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 209, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 73.1598, 70.0545, 78.0725 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, 209, 221) }
```



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

```
.border{ border-color:rgb(244, 209, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 209, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(244, 209,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.1598, 70.0545, 78.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 209, 221) }
```

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

```
.background{ background-color: rgb(244,  
209, 221) }
```

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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