

# Converting Colors

XYZ(73.4711, 70.8138, 76.4013)

Have a look what the booklet for  
XYZ(73.4711, 70.8138, 76.4013)  
contains.

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# Color

**XYZ(73.6053, 71.0630,  
76.1668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5D3DA
RGB	245, 211, 218
RGB Percent	96%, 83%, 85%
CMY	0.0392, 0.1725, 0.1451
CMYK	0.00, 0.14, 0.11, 0.04
HSL	348°, 63%, 89%
HSV	348°, 14%, 96%
XYZ	73.6053, 71.0630, 76.1668
YIQ	221.9640, 18.0170, 9.3850

# Conversions

## Conversions Part 2

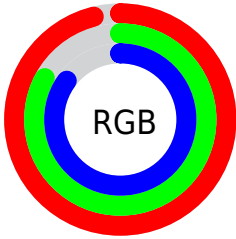
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 211, 218
Decimal	16110554
CIE Lab	87.52, 12.97, 0.93
CIE LCh	88, 13.002, 4.121
Yxy	71.0630, 0.3333, 0.3218
Android (android.graphics.Color)	4294300634 (0xFFF5D3DA)
YUV	221.9640, -1.9543, 20.2026
Hunter-Lab	84.2989, 8.3337, 5.4387

# Details

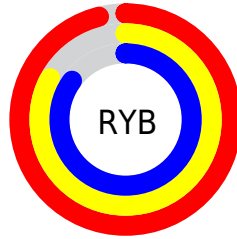
The XYZ color **73.6053, 71.0630, 76.1668** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9517, 85.3284, 93.4126**, and the grayscale version is **69.4119, 73.0267, 79.5261**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2384, 37.1126, 39.7457** is the 20% darker color. If you saturate the color by 10%, you get **65.5780, 58.8463, 61.6572**, and if you desaturate by 10%, it is **82.8633, 85.2608, 92.5631**.

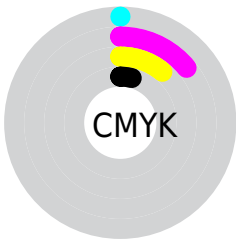
# Distribution



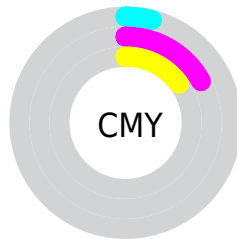
- Red (96%)
- Green (83%)
- Blue (85%)



- Red (96%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (17%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6053, 71.0630, 76.1668 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 73.6053, 71.0630, 76.1668 by changing the saturation by 10% instead.




 73.6053, 71.0630,  
76.1668

 73.6053, 71.0630,  
76.1668

462.1814,  
464.2736, 501.2805

 54.7612, 52.3936,  
56.0618


123.3346,  
120.7234, 129.7249

 39.4436, 37.3189,  
39.8482

154.9506,  
152.4833, 164.0151

 27.2873, 25.4545,  
27.1073


191.5545,  
189.3753, 203.8708

 17.9268, 16.4160,  
17.4207

233.5118,  
231.7841, 249.7105

 10.9968, 9.8190,  
10.3698

281.1877,  
280.0939, 301.9528

 6.1320, 5.2791,  
5.5360

334.9478,

 2.9669, 2.4119,

334.6892, 361.0162

2.5009

395.1572,  
395.9543, 427.3193

■ 1.1363, 0.8320,  
0.8406

■ 0.0552, 0.0000,  
0.0000

■ 73.6053, 71.0630,  
76.1668

■ 73.6053, 71.0630,  
76.1668

■ 65.5780, 58.8463,  
61.6572

■ 82.8633, 85.2608,  
92.5631

■ 58.7231, 48.5134,  
48.9617

■ 91.4665, 98.1526,  
108.7323

■ 52.9867, 39.9731,  
38.0094

■ 48.3082, 33.1225,  
28.7230

■ 44.6212, 27.8487,  
21.0194

■ 41.8515, 24.0245,  
14.8079

■ 39.9138, 21.5031,  
9.9882

■ 38.7061, 20.1059,  
6.4464

■ 38.2412, 19.6465,  
4.8416

# Harmonies

## Analogous

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



72.9961, 71.0630, 84.9936



73.6053, 71.0630, 76.1668



72.5502, 71.0630, 68.2724

# Triad

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



73.6053, 71.0630, 76.1668



64.2850, 71.0630, 64.2037



64.9987, 71.0630, 93.6087

# Complementary

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



73.6053, 71.0630, 76.1668



74.9517, 85.3284, 93.4126

# 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.



62.7721, 71.0630, 87.2539



73.6053, 71.0630, 76.1668



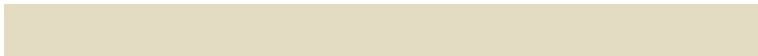
62.3690, 71.0630, 70.2269

# Square

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



73.6053, 71.0630, 76.1668



67.1199, 71.0630, 61.7050



61.8235, 71.0630, 78.5970



67.9684, 71.0630, 95.4970



# Rectangle

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



73.6053, 71.0630, 76.1668



71.0632, 71.0630, 64.4670



61.8235, 71.0630, 78.5970



64.1415, 71.0630, 91.9015

# Sweetspot

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



73.6073, 71.0662, 76.1683



90.6048, 93.1530, 101.1189



74.9148, 71.2982, 96.2003



19.2196, 19.6717, 21.3386



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.



73.6073, 71.0662, 76.1683



77.6901, 73.3698, 78.1741



75.1760, 75.6379, 72.2693



16.6386, 16.5383, 17.8434



20.6410, 10.5998, 2.8178



1.8497, 0.9459, 0.4351



# Inverse Universe

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



73.6073, 71.0662, 76.1683



77.6901, 73.3698, 78.1741



73.1613, 80.0705, 97.9860



16.6386, 16.5383, 17.8434



20.6410, 10.5998, 2.8178

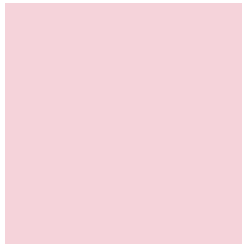


1.8497, 0.9459, 0.4351



# Previews

## White Background



This preview shows how the XYZ color 73.6053, 71.0630, 76.1668 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

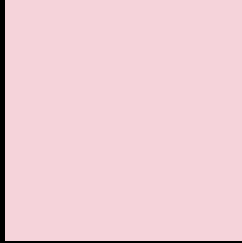
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.6053, 71.0630, 76.1668 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

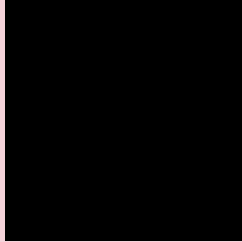
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 73.6053, 71.0630, 76.1668

## Background



This preview shows how black text looks on a background with the XYZ color 73.6053, 71.0630, 76.1668.



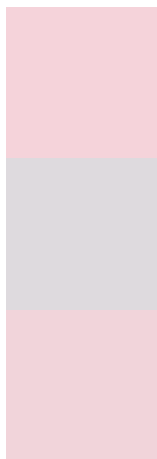
This preview shows how white text looks on a background with the XYZ color 73.6053, 71.0630,

76.1668.

# 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

73.6053, 71.0630, 76.1668

### Protanopia

68.3804, 70.9463, 79.1972

### Deuteranopia

72.4740, 70.8497, 76.1852



## Tritanopia

74.7801, 71.1770, 81.7487

# Trichromacy



## Original Color

73.6053, 71.0630, 76.1668

## Protanomaly

69.9847, 70.6443, 78.3537

## Deuteranomaly

72.8163, 71.0262, 76.2013

## Tritanomaly

74.3719, 71.0137, 79.5992

# Monochromacy



## Original Color

73.6053, 71.0630, 76.1668

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.7557, 72.1863, 78.6107

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.6053, 71.0630, 76.1668 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(245, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(245, 211, 218)  
}
```

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(245, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 211, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 73.6053, 71.0630, 76.1668 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(245, 211, 218) }
```



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

```
.border{ border-color:rgb(245, 211, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 211, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 211, 218);  
box-shadow:4px 4px 4px 4px rgb(245, 211,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.6053, 71.0630, 76.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 211, 218) }
```

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

```
.background{ background-color: rgb(245,  
211, 218) }
```

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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