

Converting Colors

XYZ(76.1134, 73.3428, 85.7773)

Have a look what the booklet for
XYZ(76.1134, 73.3428, 85.7773)
contains.

XYZ(76.1266, 73.2751, 85.7325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.1266, 73.2751,
85.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D6E7
RGB	245, 214, 231
RGB Percent	96%, 84%, 91%
CMY	0.0392, 0.1608, 0.0941
CMYK	0.00, 0.13, 0.06, 0.04
HSL	327°, 61%, 90%
HSV	327°, 13%, 96%
XYZ	76.1266, 73.2751, 85.7325
YIQ	225.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

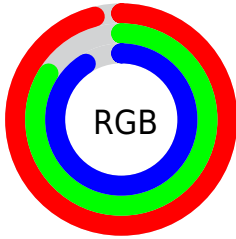
Format	Color
R _Y B	245, 214, 231
Decimal	16111335
CIE Lab	88.58, 13.57, -4.37
CIE LCh	89, 14.257, 342.133
Yxy	73.2751, 0.3238, 0.3116
Android (android.graphics.Color)	4294301415 (0xFFFF5D6E7)
YUV	225.2070, 2.8559, 17.3585
Hunter-Lab	85.6009, 8.9421, 0.5394

Details

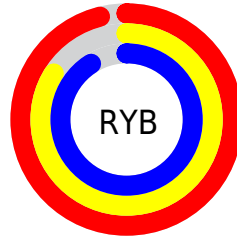
The XYZ color **76.1266, 73.2751, 85.7325** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3904, 85.2045, 85.9282**, and the grayscale version is **71.6922, 75.4258, 82.1387**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1223, 38.7102, 45.8619** is the 20% darker color. If you saturate the color by 10%, you get **68.8729, 61.1897, 75.8460**, and if you desaturate by 10%, it is **84.4159, 87.2716, 96.4535**.

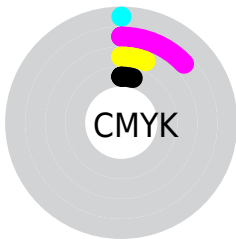
Distribution



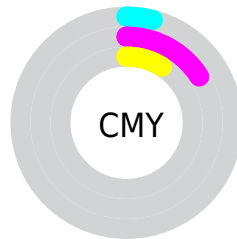
- Red (96%)
- Green (84%)
- Blue (91%)



- Red (96%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1266, 73.2751, 85.7325 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 76.1266, 73.2751, 85.7325 by changing the saturation by 10% instead.


 76.1266, 73.2751,
85.7325

 76.1266, 73.2751,
85.7325


470.7187,
471.9677, 534.2564

 56.8337, 54.2009,
63.8932


126.8852,
123.8677, 143.2794

 41.1114, 38.7623,
46.1185

159.0818,
156.1549, 179.8240

 28.5942, 26.5749,
31.9900


196.3102,
193.6152, 222.1075

 18.9168, 17.2542,
21.0891

238.9359,
236.6331, 270.5483

 11.7138, 10.4159,
12.9973

287.3243,
285.5929, 325.5651

 6.6199, 5.6756,
7.2960

341.8406,

 3.2698, 2.6488,

340.8790, 387.5764

3.5666

402.8503,
402.8758, 457.0006

■ 1.2980, 0.9513,
1.3907

■ 0.1817, 0.0000,
0.1345

■ 76.1266, 73.2751,
85.7325

■ 76.1266, 73.2751,
85.7325

■ 68.8729, 61.1897,
75.8460

■ 84.4159, 87.2716,
96.4535

■ 62.6052, 50.9219,
66.7660

■ 91.1676, 98.0331,
107.1574

■ 57.2791, 42.3850,
58.4692

■ 91.4667, 98.1528,
108.7323

■ 52.8442, 35.4813,
50.9296

■ 49.2450, 30.1031,
44.1187

■ 46.4197, 26.1299,
38.0059

■ 44.2971, 23.4224,
32.5570

■ 42.7911, 21.8127,
27.7325

■ 41.9836, 21.1435,
24.5472

Harmonies

Analogous

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



74.1737, 73.2751, 94.6581



76.1266, 73.2751, 85.7325



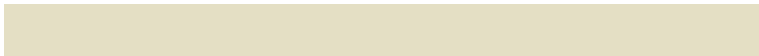
76.3083, 73.2751, 75.8719

Triad

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



76.1266, 73.2751, 85.7325



68.2660, 73.2751, 62.6748



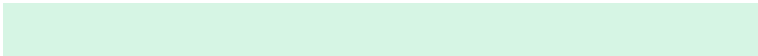
64.8592, 73.2751, 93.1660

Complementary

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



76.1266, 73.2751, 85.7325



74.3904, 85.2045, 85.9282

Split Complementary

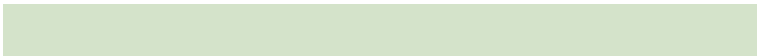
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.3828, 73.2751, 83.8286



76.1266, 73.2751, 85.7325



65.3060, 73.2751, 66.5561

Square

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



76.1266, 73.2751, 85.7325



71.6929, 73.2751, 63.0928



63.5436, 73.2751, 74.1175



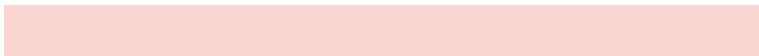
67.6380, 73.2751, 99.1866

Rectangle

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



76.1266, 73.2751, 85.7325



75.3930, 73.2751, 70.1351



63.5436, 73.2751, 74.1175



64.1984, 73.2751, 90.2798

Sweetspot

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



76.1287, 73.2783, 85.7341



91.1489, 93.3707, 103.9841



72.5099, 71.1750, 96.3039



19.3571, 19.7266, 22.0626



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

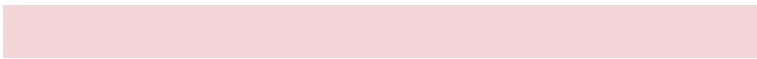
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1287, 73.2783, 85.7341



81.3805, 76.9137, 91.2327



74.0419, 72.4436, 74.7454



16.8793, 16.6346, 19.1112



22.6879, 11.4186, 13.5970



2.0458, 1.0243, 1.4678

Inverse Universe

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



76.1287, 73.2783, 85.7341



81.3805, 76.9137, 91.2327



76.6320, 86.1011, 97.7324



16.8793, 16.6346, 19.1112



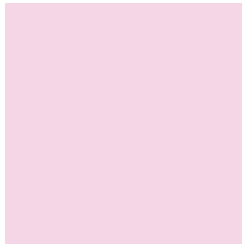
22.6879, 11.4186, 13.5970



2.0458, 1.0243, 1.4678

Previews

White Background



This preview shows how the XYZ color 76.1266, 73.2751, 85.7325 looks on a white background.

Color Contrast Check

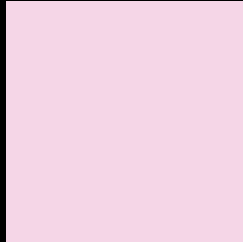
Large Text (above 18pt) WCAG AA × Fail

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 76.1266, 73.2751, 85.7325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

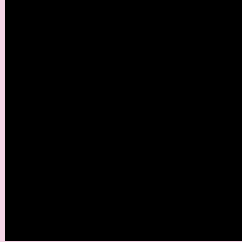
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1266, 73.2751, 85.7325

Background



This preview shows how black text looks on a background with the XYZ color 76.1266, 73.2751, 85.7325.



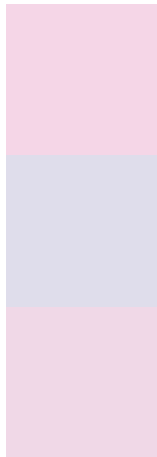
This preview shows how white text looks on a background with the XYZ color 76.1266, 73.2751,

85.7325.

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

76.1266, 73.2751, 85.7325

Protanopia

71.2833, 73.3990, 89.0077

Deuteranopia

74.9149, 73.4065, 85.8217



Tritanopia

76.1266, 73.2751, 85.7325

Trichromacy



Original Color

76.1266, 73.2751, 85.7325

Protanomaly

72.8777, 73.0722, 88.1052

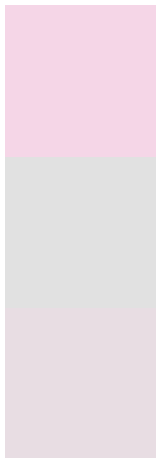
Deuteranomaly

75.3422, 73.2476, 85.7686

Tritanomaly

76.1266, 73.2751, 85.7325

Monochromacy



Original Color

76.1266, 73.2751, 85.7325

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.0003, 74.4148, 83.1890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1266, 73.2751, 85.7325 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, 214, 231) looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 231)  
}
```

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, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 231) }
```

Border

The CSS property to change the border of an element to XYZ 76.1266, 73.2751, 85.7325 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, 214, 231) }
```


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

```
.border{ border-color:rgb(245, 214, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1266, 73.2751, 85.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 231) }
```

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

```
.background{ background-color: rgb(245,  
214, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor