

Converting Colors

XYZ(75.6478, 73.2531, 85.2746)

Have a look what the booklet for
XYZ(75.6478, 73.2531, 85.2746)
contains.

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Color

**XYZ(75.5455, 73.3687,
85.0428)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D7E6
RGB	243, 215, 230
RGB Percent	95%, 84%, 90%
CMY	0.0471, 0.1568, 0.0980
CMYK	0.00, 0.12, 0.05, 0.05
HSL	328°, 54%, 90%
HSV	328°, 12%, 95%
XYZ	75.5455, 73.3687, 85.0428
YIQ	225.0820, 11.8730, 10.6010

Conversions

Conversions Part 2

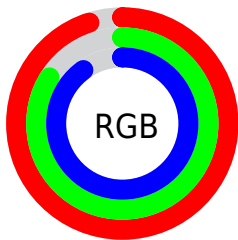
Format	Color
R_{YB}	243, 215, 230
Decimal	15980518
CIE _{Lab}	88.62, 12.19, -3.80
CIE _{LCh}	89, 12.772, 342.687
Yxy	73.3687, 0.3229, 0.3136
Android (android.graphics.Color)	4294170598 (0xFFFF3D7E6)
YUV	225.0820, 2.4246, 15.7141
Hunter-Lab	85.6555, 7.5342, 1.0930

Details

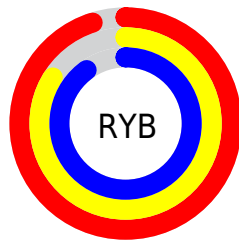
The XYZ color **75.5455, 73.3687, 85.0428** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0813, 84.1516, 85.7412**, and the grayscale version is **71.6059, 75.3350, 82.0398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8022, 38.8016, 45.8964** is the 20% darker color. If you saturate the color by 10%, you get **68.2783, 61.2878, 75.0541**, and if you desaturate by 10%, it is **83.8385, 87.3350, 95.8813**.

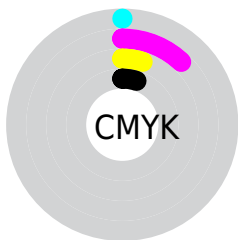
Distribution



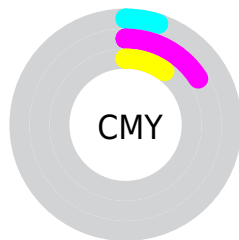
- Red (95%)
- Green (84%)
- Blue (90%)



- Red (95%)
- Yellow (84%)
- Blue (90%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (5%)




- Cyan (5%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5455, 73.3687, 85.0428 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 75.5455, 73.3687, 85.0428 by changing the saturation by 10% instead.


 75.5455, 73.3687,
85.0428

 75.5455, 73.3687,
85.0428


468.7588,
472.2917, 531.9180

 56.3556, 54.2775,
63.3264


126.0680,
124.0005, 142.3077

 40.7263, 38.8236,
45.6626

158.1314,
156.3099, 178.6932

 28.2920, 26.6225,
31.6329


195.2167,
193.7941, 220.8055

 18.6874, 17.2899,
20.8188

237.6892,
236.8375, 269.0632

 11.5473, 10.4414,
12.8017

285.9143,
285.8246, 323.8847

 6.5062, 5.6926,
7.1630

340.2574,

 3.1988, 2.6591,

341.1398, 385.6887

3.4843

401.0837,
403.1673, 454.8936

■ 1.2598, 0.9565,
1.3469

■ 0.1528, 0.0000,
0.0998

■ 75.5455, 73.3687,
85.0428

■ 75.5455, 73.3687,
85.0428

■ 68.2783, 61.2878,
75.0541

■ 83.8385, 87.3350,
95.8813

■ 61.9882, 51.0012,
65.8870

■ 90.3836, 97.6393,
106.6516

■ 56.6322, 42.4246,
57.5180

■ 90.7726, 97.7949,
108.6998

■ 52.1609, 35.4631,
49.9207

■ 48.5207, 30.0123,
43.0668

■ 45.6515, 25.9557,
36.9255

■ 43.4845, 23.1593,
31.4627

■ 41.9373, 21.4623,
26.6393

■ 41.0028, 20.6710,
23.0053

Harmonies

Analogous

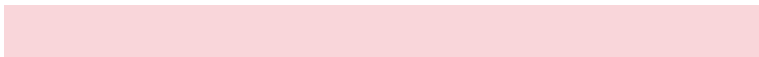
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8294, 73.3687, 93.0193



75.5455, 73.3687, 85.0428



75.6761, 73.3687, 76.2170

Triad

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



75.5455, 73.3687, 85.0428



68.4416, 73.3687, 64.4491



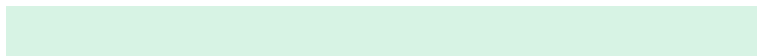
65.4696, 73.3687, 91.9516

Complementary

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



75.5455, 73.3687, 85.0428



74.0813, 84.1516, 85.7412

Split Complementary

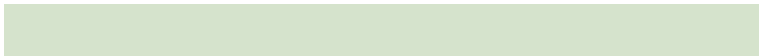
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.1128, 73.3687, 83.6710



75.5455, 73.3687, 85.0428



65.7944, 73.3687, 68.0510

Square

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



75.5455, 73.3687, 85.0428



71.5128, 73.3687, 64.7568



64.2299, 73.3687, 74.9421



67.9864, 73.3687, 97.2053

Rectangle

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



75.5455, 73.3687, 85.0428



74.8411, 73.3687, 71.0682



64.2299, 73.3687, 74.9421



64.8661, 73.3687, 89.4047

Sweetspot

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



75.5476, 73.3719, 85.0444



92.0912, 94.9891, 105.1182



72.3490, 71.5041, 94.7835



19.5459, 20.0521, 22.2865



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

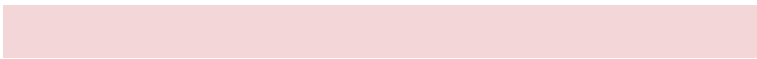
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5476, 73.3719, 85.0444



82.1447, 78.2776, 91.9944



73.7116, 72.6375, 75.3763



16.8702, 16.6309, 19.0632



22.5724, 11.3724, 12.9887



2.0358, 1.0203, 1.4149

Inverse Universe

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



75.5476, 73.3719, 85.0444



82.1447, 78.2776, 91.9944



76.0442, 84.9368, 96.0775



16.8702, 16.6309, 19.0632



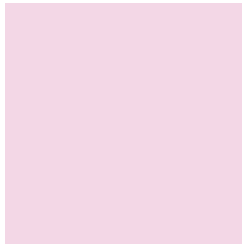
22.5724, 11.3724, 12.9887



2.0358, 1.0203, 1.4149

Previews

White Background



This preview shows how the XYZ color 75.5455, 73.3687, 85.0428 looks on a white background.

Color Contrast Check

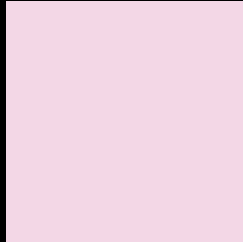
Large Text (above 18pt) WCAG AA × Fail

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 75.5455, 73.3687, 85.0428 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 75.5455, 73.3687, 85.0428

Background



This preview shows how black text looks on a background with the XYZ color 75.5455, 73.3687, 85.0428.



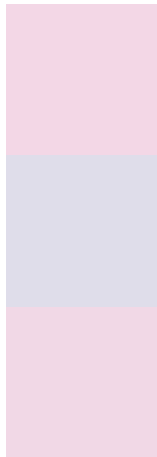
This preview shows how white text looks on a background with the XYZ color 75.5455, 73.3687,

85.0428.

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

75.5455, 73.3687, 85.0428

Protanopia

71.1392, 73.3414, 88.2488

Deuteranopia

75.1144, 73.5257, 85.0958



Tritanopia

75.8281, 73.4818, 86.5308

Trichromacy



Original Color

75.5455, 73.3687, 85.0428

Protanomaly

72.6726, 73.3692, 87.4222

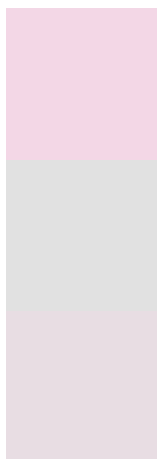
Deuteranomaly

75.4567, 73.7022, 85.1118

Tritanomaly

75.6864, 73.4251, 85.7847

Monochromacy



Original Color

75.5455, 73.3687, 85.0428

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 75.5455, 73.3687, 85.0428 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(243, 215, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 215, 230)  
}
```

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(243, 215, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 215, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.5455, 73.3687, 85.0428 is called "border". The border property can be set on classes, ids or directly on the HTML element.

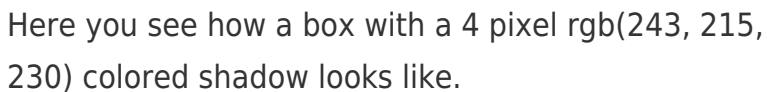
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 215, 230) }
```


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

```
.border{ border-color:rgb(243, 215, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(243, 215, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 215, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 215, 230); box-shadow:4px 4px 4px 4px rgb(243, 215, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5455, 73.3687, 85.0428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 215, 230) }
```

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

```
.background{ background-color: rgb(243,  
215, 230) }
```

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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