

Converting Colors

XYZ(75.1046, 73.7279, 81.6439)

Have a look what the booklet for
XYZ(75.1046, 73.7279, 81.6439)
contains.

| | |
|--|----|
| XYZ(75.1086, 73.6027, 81.4822) | 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(75.1086, 73.6027,
81.4822)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F3D8E1 |
| RGB | 243, 216, 225 |
| RGB Percent | 95%, 85%, 88% |
| CMY | 0.0471, 0.1529, 0.1176 |
| CMYK | 0.00, 0.11, 0.07, 0.05 |
| HSL | 340°, 53%, 90% |
| HSV | 340°, 11%, 95% |
| XYZ | 75.1086, 73.6027, 81.4822 |
| YIQ | 225.0990, 13.2030, 8.5230 |

Conversions

Conversions Part 2

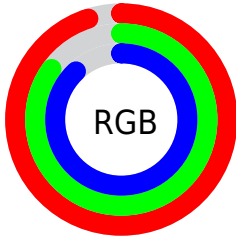
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 243, 216, 225 |
| Decimal | 15980769 |
| CIE Lab | 88.73, 10.82, -1.00 |
| CIE LCh | 89, 10.866, 354.709 |
| Yxy | 73.6027, 0.3263, 0.3197 |
| Android (android.graphics.Color) | 4294170849 (0xFFFF3D8E1) |
| YUV | 225.0990, -0.0488, 15.6992 |
| Hunter-Lab | 85.7920, 6.1359, 3.7429 |

Details

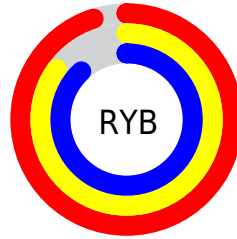
The XYZ color **75.1086, 73.6027, 81.4822** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2236, 84.6425, 90.2190**, and the grayscale version is **71.6347, 75.3653, 82.0728**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4941, 38.9568, 43.4154** is the 20% darker color. If you saturate the color by 10%, you get **67.2313, 61.2185, 68.4639**, and if you desaturate by 10%, it is **84.1205, 87.9184, 95.9153**.

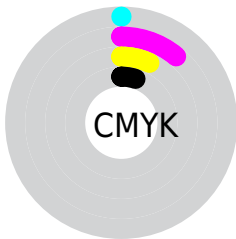
Distribution



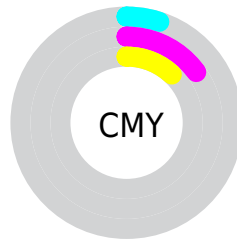
- Red (95%)
- Green (85%)
- Blue (88%)



- Red (95%)
- Yellow (85%)
- Blue (88%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1086, 73.6027, 81.4822 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 75.1086, 73.6027, 81.4822 by changing the saturation by 10% instead.


 75.1086, 73.6027,
81.4822

 75.1086, 73.6027,
81.4822


467.2822,
473.1010, 519.7519

 55.9964, 54.4689,
60.4055


125.4532,
124.3324, 137.2778

 40.4370, 38.9767,
43.3181


157.4162,
156.6972, 172.8338

 28.0651, 26.7416,
29.8016


194.3935,
194.2411, 214.0532

 18.5155, 17.3792,
19.4372

236.7505,
237.3485, 261.3547

 11.4226, 10.5053,
11.8066

284.8525,
286.4038, 315.1568

 6.4212, 5.7352,
6.4912

339.0649,

 3.1459, 2.6848,

341.7914, 375.8780

3.0724

399.7530,
403.8956, 443.9369

■ 1.2314, 0.9695,
1.1317

■ 0.1310, 0.0000,
0.0000

■ 75.1086, 73.6027,
81.4822

■ 75.1086, 73.6027,
81.4822

■ 67.2313, 61.2185,
68.4639

■ 84.1205, 87.9184,
95.9153

■ 60.4363, 50.6734,
56.8118

■ 90.7725, 97.7949,
108.6998

■ 54.6763, 41.8817,
46.4809

■ 49.8981, 34.7470,
37.4222

■ 46.0434, 29.1637,
29.5832

■ 43.0477, 25.0138,
22.9074

■ 40.8373, 22.1620,
17.3331

■ 39.3248, 20.4469,
12.7913

■ 38.4468, 19.6486,
9.5458

Harmonies

Analogous

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



74.1618, 73.6027, 88.7927



75.1086, 73.6027, 81.4822



74.6472, 73.6027, 74.2442

Triad

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



75.1086, 73.6027, 81.4822



67.8667, 73.6027, 67.7038



67.0792, 73.6027, 92.5387

Complementary

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



75.1086, 73.6027, 81.4822



75.2236, 84.6425, 90.2190

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.



65.4678, 73.6027, 86.3416



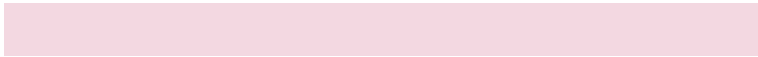
75.1086, 73.6027, 81.4822



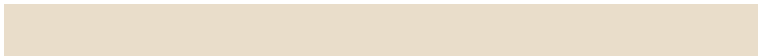
65.9145, 73.6027, 72.0701

Square

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



75.1086, 73.6027, 81.4822



70.4240, 73.6027, 66.5814



65.0468, 73.6027, 78.8143



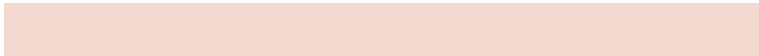
69.4924, 73.6027, 95.4265

Rectangle

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



75.1086, 73.6027, 81.4822



73.6089, 73.6027, 70.3879



65.0468, 73.6027, 78.8143



66.4282, 73.6027, 90.7554

Sweetspot

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



75.1107, 73.6059, 81.4838



91.8474, 94.8916, 103.8347



74.6678, 73.0787, 94.9651



19.4802, 20.0258, 21.9404



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

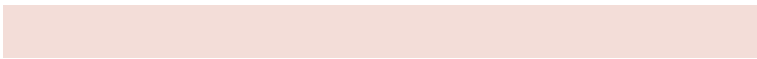
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1107, 73.6059, 81.4838



82.0146, 79.3002, 87.9971



75.0839, 75.4650, 75.5786



16.7269, 16.5736, 18.3083



21.1565, 10.8060, 5.5325



1.9052, 0.9680, 0.7272

Inverse Universe

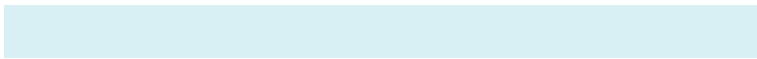
The Inverse Universe completely reimagines the original color for something new.



75.1107, 73.6059, 81.4838



82.0146, 79.3002, 87.9971



75.2193, 82.5127, 96.7569



16.7269, 16.5736, 18.3083



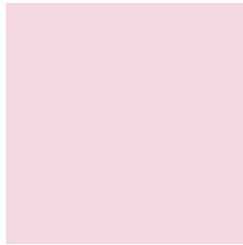
21.1565, 10.8060, 5.5325



1.9052, 0.9680, 0.7272

Previews

White Background



This preview shows how the XYZ color 75.1086, 73.6027, 81.4822 looks on a white background.

Color Contrast Check

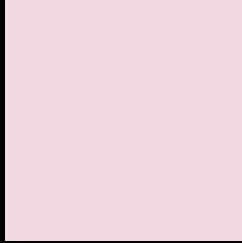
Large Text (above 18pt) WCAG AA × Fail

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 75.1086, 73.6027, 81.4822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

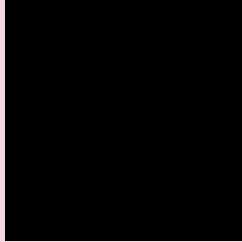
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1086, 73.6027, 81.4822

Background



This preview shows how black text looks on a background with the XYZ color 75.1086, 73.6027, 81.4822.



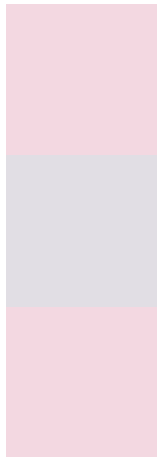
This preview shows how white text looks on a background with the XYZ color 75.1086, 73.6027,

81.4822.

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

75.1086, 73.6027, 81.4822

Protanopia

71.1762, 73.8515, 83.9022

Deuteranopia

75.1086, 73.6027, 81.4822



Tritanopia

76.1742, 73.6602, 86.5470

Trichromacy



Original Color

75.1086, 73.6027, 81.4822

Protanomaly

72.7370, 73.8883, 83.1013

Deuteranomaly

75.1086, 73.6027, 81.4822

Tritanomaly

75.7515, 73.4911, 84.3214

Monochromacy



Original Color

75.1086, 73.6027, 81.4822

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.9906, 74.8346, 81.8317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1086, 73.6027, 81.4822 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, 216, 225) looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 225)  
}
```

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, 216, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.1086, 73.6027, 81.4822 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, 216, 225) }
```


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

```
.border{ border-color:rgb(243, 216, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 225);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1086, 73.6027, 81.4822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 225) }
```

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

```
.background{ background-color: rgb(243,  
216, 225) }
```

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