

Converting Colors

XYZ(78.2695, 75.1466, 85.2521)

Have a look what the booklet for
XYZ(78.2695, 75.1466, 85.2521)
contains.

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Color

**XYZ(78.2631, 75.1489,
85.2432)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD8E6
RGB	250, 216, 230
RGB Percent	98%, 85%, 90%
CMY	0.0196, 0.1529, 0.0980
CMYK	0.00, 0.14, 0.08, 0.02
HSL	335°, 77%, 91%
HSV	335°, 14%, 98%
XYZ	78.2631, 75.1489, 85.2432
YIQ	227.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

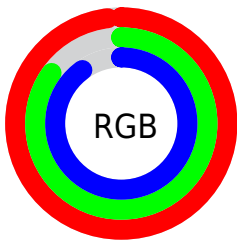
Format	Color
R _Y B	250, 216, 230
Decimal	16439526
CIE Lab	89.46, 14.06, -2.50
CIE LCh	89, 14.283, 349.928
Yxy	75.1489, 0.3279, 0.3149
Android (android.graphics.Color)	4294629606 (0xFFFA8E6)
YUV	227.7620, 1.1033, 19.5027
Hunter-Lab	86.6885, 9.4465, 2.3804

Details

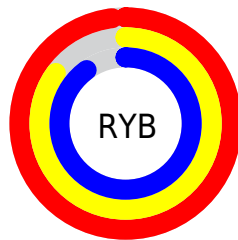
The XYZ color **78.2631, 75.1489, 85.2432** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6477, 89.0282, 92.4528**, and the grayscale version is **73.5548, 77.3854, 84.2727**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4751, 39.9223, 46.0245** is the 20% darker color. If you saturate the color by 10%, you get **70.3603, 62.5097, 72.8452**, and if you desaturate by 10%, it is **87.3189, 89.8132, 98.8871**.

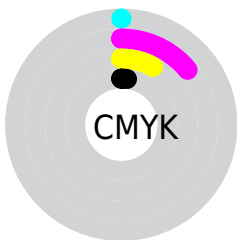
Distribution



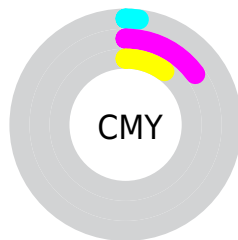
- Red (98%)
- Green (85%)
- Blue (90%)



- Red (98%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2631, 75.1489, 85.2432 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 78.2631, 75.1489, 85.2432 by changing the saturation by 10% instead.


 78.2631, 75.1489,
85.2432

 78.2631, 75.1489,
85.2432

477.8860,
478.4292, 532.5980

 58.5937, 55.7349,
63.4910


129.8843,
126.5231, 142.5901

 42.5312, 39.9904,
45.7950


162.5669,
159.2521, 179.0219

 29.7104, 27.5311,
31.7366


200.3178,
197.1882, 221.1840

 19.7659, 17.9725,
20.8972

243.5025,
240.7158, 269.4950

 12.3322, 10.9302,
12.8584

292.4863,
290.2193, 324.3733

 7.0442, 6.0199,
7.2015

347.6346,

 3.5363, 2.8572,

346.0831, 386.2376

3.5081

409.3127,
408.6916, 455.5063

■ 1.4433, 1.0576,
1.3596

■ 0.2868, 0.0000,
0.1099

■ 78.2631, 75.1489,
85.2432

■ 78.2631, 75.1489,
85.2432

■ 70.3603, 62.5097,
72.8452

■ 87.3189, 89.8132,
98.8871

■ 63.5559, 51.7963,
61.6513

■ 93.2347, 99.0642,
108.8150

■ 57.8004, 42.9156,
51.6237

■ 53.0377, 35.7630,
42.7209

■ 49.2063, 30.2233,
34.8985

■ 46.2373, 26.1669,
28.1086

■ 44.0517, 23.4440,
22.2982

■ 42.5537, 21.8724,
17.4075

■ 41.8691, 21.3019,
14.7168

Harmonies

Analogous

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



76.7039, 75.1489, 94.8758



78.2631, 75.1489, 85.2432



77.9453, 75.1489, 75.4266

Triad

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



78.2631, 75.1489, 85.2432



69.1564, 75.1489, 65.0022



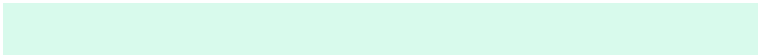
67.1795, 75.1489, 97.4848

Complementary

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



78.2631, 75.1489, 85.2432



77.6477, 89.0282, 92.4528

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.



65.2822, 75.1489, 88.5741



78.2631, 75.1489, 85.2432



66.3974, 75.1489, 70.0284

Square

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



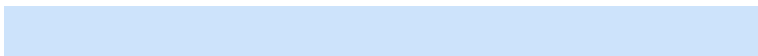
78.2631, 75.1489, 85.2432



72.6108, 75.1489, 64.2696



65.0006, 75.1489, 78.4982



70.2557, 75.1489, 102.3159

Rectangle

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



78.2631, 75.1489, 85.2432



76.7153, 75.1489, 70.0619



65.0006, 75.1489, 78.4982



66.3870, 75.1489, 94.8348

Sweetspot

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



78.2652, 75.1522, 85.2448



90.9307, 93.2834, 102.8349



76.3507, 73.8218, 100.6683



19.3019, 19.7046, 21.7719



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

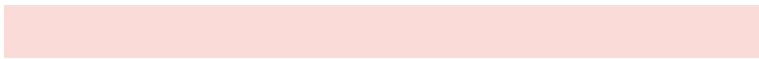
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2652, 75.1522, 85.2448



79.7606, 75.2238, 85.9149



77.1097, 75.8614, 75.5484



17.5409, 17.3437, 19.4381



22.2758, 11.3261, 8.1610



2.1144, 1.0695, 1.0258

Inverse Universe

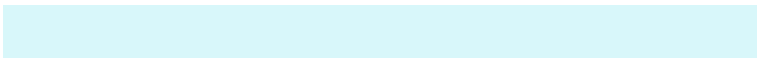
The Inverse Universe completely reimagines the original color for something new.



78.2652, 75.1522, 85.2448



79.7606, 75.2238, 85.9149



78.8883, 88.1264, 103.2956



17.5409, 17.3437, 19.4381



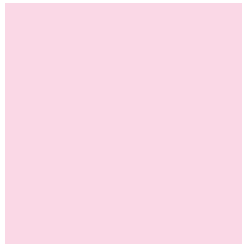
22.2758, 11.3261, 8.1610



2.1144, 1.0695, 1.0258

Previews

White Background



This preview shows how the XYZ color 78.2631, 75.1489, 85.2432 looks on a white background.

Color Contrast Check

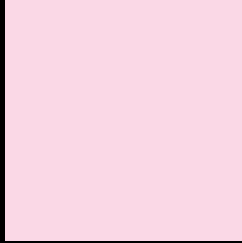
Large Text (above 18pt) WCAG AA × Fail

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 78.2631, 75.1489, 85.2432 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 78.2631, 75.1489, 85.2432

Background



This preview shows how black text looks on a background with the XYZ color 78.2631, 75.1489, 85.2432.



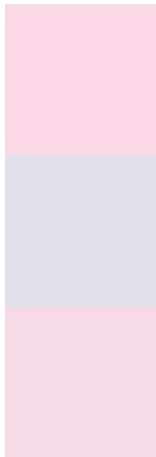
This preview shows how white text looks on a background with the XYZ color 78.2631, 75.1489,

85.2432.

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

78.2631, 75.1489, 85.2432

Protanopia

73.0151, 75.4782, 89.3177

Deuteranopia

77.0105, 75.2685, 85.3323



Tritanopia

78.5457, 75.2619, 86.7311

Trichromacy



Original Color

78.2631, 75.1489, 85.2432

Protanomaly

74.8254, 75.2583, 87.6734

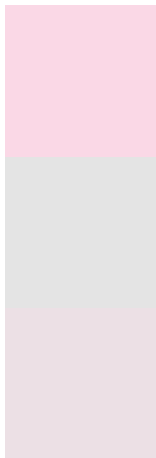
Deuteranomaly

77.4536, 75.1130, 85.2789

Tritanomaly

78.4040, 75.2052, 85.9850

Monochromacy



Original Color

78.2631, 75.1489, 85.2432

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.3906, 76.8013, 84.9794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2631, 75.1489, 85.2432 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(250, 216, 230) looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 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(250, 216, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 230) }
```

Border

The CSS property to change the border of an element to XYZ 78.2631, 75.1489, 85.2432 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(250, 216, 230) }
```


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

```
.border{ border-color:rgb(250, 216, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 216, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 216, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 216, 230);  
box-shadow:4px 4px 4px 4px rgb(250, 216,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2631, 75.1489, 85.2432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 230) }
```

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

```
.background{ background-color: rgb(250,  
216, 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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