

Converting Colors

XYZ(76.0629, 74.3975, 85.2209)

Have a look what the booklet for
XYZ(76.0629, 74.3975, 85.2209)
contains.

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Color

**XYZ(76.0579, 74.3936,
85.2136)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D9E6
RGB	243, 217, 230
RGB Percent	95%, 85%, 90%
CMY	0.0471, 0.1490, 0.0980
CMYK	0.00, 0.11, 0.05, 0.05
HSL	330°, 52%, 90%
HSV	330°, 11%, 95%
XYZ	76.0579, 74.3936, 85.2136
YIQ	226.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

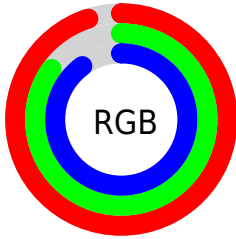
Format	Color
R _Y B	243, 217, 230
Decimal	15981030
CIE Lab	89.11, 11.15, -3.09
CIE LCh	89, 11.567, 344.517
Yxy	74.3936, 0.3227, 0.3157
Android (android.graphics.Color)	4294171110 (0xFFFF3D9E6)
YUV	226.2560, 1.8458, 14.6845
Hunter-Lab	86.2517, 6.4631, 1.7998

Details

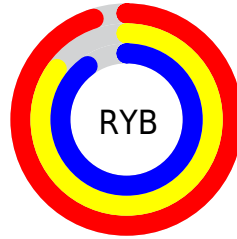
The XYZ color **76.0579, 74.3936, 85.2136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9516, 84.5680, 87.2399**, and the grayscale version is **72.4571, 76.2305, 83.0150**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1517, 39.5006, 46.0129** is the 20% darker color. If you saturate the color by 10%, you get **68.6027, 62.1189, 74.6008**, and if you desaturate by 10%, it is **84.5585, 88.5668, 96.7636**.

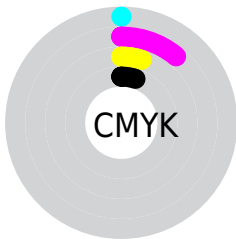
Distribution



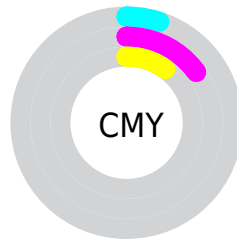
- Red (95%)
- Green (85%)
- Blue (90%)



- Red (95%)
- Yellow (85%)
- Blue (90%)



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



- Cyan (5%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0579, 74.3936, 85.2136 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 76.0579, 74.3936, 85.2136 by changing the saturation by 10% instead.

76.0579, 74.3936,
85.2136

76.0579, 74.3936,
85.2136

470.4872,
475.8307, 532.4976

56.7772, 55.1162,
63.4667

126.7887,
125.4536, 142.5484

41.0658, 39.4948,
45.7755

158.9695,
158.0050, 178.9734

28.5584, 27.1449,
31.7213

196.1810,
195.7500, 221.1281

18.8896, 17.6821,
20.8856

238.7886,
239.0728, 269.4312

11.6941, 10.7220,
12.8500

287.1577,
288.3579, 324.3012

6.6064, 5.8802,
7.1958

341.6536,

3.2613, 2.7724,

343.9896, 386.1565

3.5046

402.6416,
406.3524, 455.4158

■ 1.2934, 1.0141,
1.3577

■ 0.1783, 0.0000,
0.1084

■ 76.0579, 74.3936,
85.2136

■ 76.0579, 74.3936,
85.2136

■ 68.6027, 62.1189,
74.6008

■ 84.5585, 88.5668,
96.7636

■ 62.1440, 51.6517,
64.8944

■ 90.6609, 97.7502,
108.1119

■ 56.6384, 42.9080,
56.0686

■ 90.7725, 97.7949,
108.6998

■ 52.0366, 35.7934,
48.0943

■ 48.2845, 30.2043,
40.9402

■ 45.3223, 26.0249,
34.5729

■ 43.0813, 23.1227,
28.9553

■ 41.4800, 21.3396,
24.0454

■ 40.4433, 20.4472,
20.0594

Harmonies

Analogous

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



74.5746, 74.3936, 92.5731



76.0579, 74.3936, 85.2136



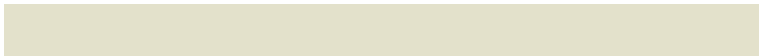
76.0827, 74.3936, 77.1756

Triad

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



76.0579, 74.3936, 85.2136



69.3599, 74.3936, 66.8948



66.9169, 74.3936, 92.3713

Complementary

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



76.0579, 74.3936, 85.2136



74.9516, 84.5680, 87.2399

Split Complementary

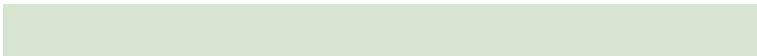
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.5943, 74.3936, 84.9528



76.0579, 74.3936, 85.2136



66.9791, 74.3936, 70.4376

Square

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



76.0579, 74.3936, 85.2136



72.1646, 74.3936, 66.9543



65.6167, 74.3936, 76.9315



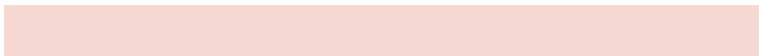
69.2729, 74.3936, 96.8887

Rectangle

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



76.0579, 74.3936, 85.2136



75.2660, 74.3936, 72.5265



65.6167, 74.3936, 76.9315



66.3395, 74.3936, 90.1133

Sweetspot

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



76.0600, 74.3969, 85.2152



92.0480, 94.9718, 104.8909



73.6264, 72.9234, 94.9900



19.5343, 20.0474, 22.2251



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

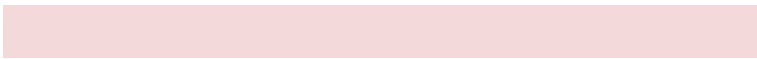
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0600, 74.3969, 85.2152



82.8162, 79.6208, 92.2181



74.3020, 73.6937, 75.9578



16.8447, 16.6207, 18.9285



22.2646, 11.2493, 11.3678



2.0087, 1.0094, 1.2722

Inverse Universe

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



76.0600, 74.3969, 85.2152



82.8162, 79.6208, 92.2181



76.8458, 85.3256, 97.2142



16.8447, 16.6207, 18.9285



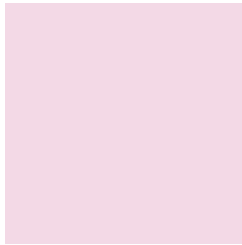
22.2646, 11.2493, 11.3678



2.0087, 1.0094, 1.2722

Previews

White Background



This preview shows how the XYZ color 76.0579, 74.3936, 85.2136 looks on a white background.

Color Contrast Check

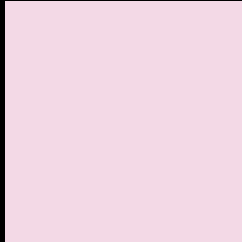
Large Text (above 18pt) WCAG AA × Fail

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 76.0579, 74.3936, 85.2136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

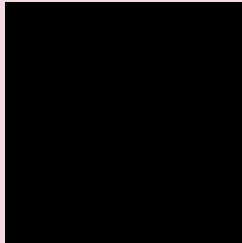
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0579, 74.3936, 85.2136

Background



This preview shows how black text looks on a background with the XYZ color 76.0579, 74.3936, 85.2136.



This preview shows how white text looks on a background with the XYZ color 76.0579, 74.3936,

85.2136.

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

76.0579, 74.3936, 85.2136

Protanopia

72.1470, 74.6661, 87.7002

Deuteranopia

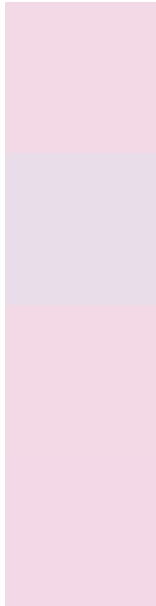
76.0579, 74.3936, 85.2136



Tritanopia

76.2260, 74.0496, 87.3663

Trichromacy



Original Color

76.0579, 74.3936, 85.2136

Protanomaly

73.7007, 74.6949, 86.8770

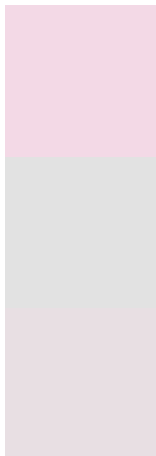
Deuteranomaly

76.0579, 74.3936, 85.2136

Tritanomaly

76.0835, 73.9926, 86.6159

Monochromacy



Original Color

76.0579, 74.3936, 85.2136

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5315, 75.4772, 83.3661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0579, 74.3936, 85.2136 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, 217, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 217, 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, 217, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 217, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.0579, 74.3936, 85.2136 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, 217, 230) }
```


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

```
.border{ border-color:rgb(243, 217, 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, 217, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 217, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 217, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 217,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0579, 74.3936, 85.2136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 217, 230) }
```

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

```
.background{ background-color: rgb(243,  
217, 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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