

Converting Colors

XYZ(79.0537, 76.3034, 91.8999)

Have a look what the booklet for
XYZ(79.0537, 76.3034, 91.8999)
contains.

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Color

**XYZ(79.0092, 76.1490,
92.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DAEF
RGB	247, 218, 239
RGB Percent	97%, 85%, 94%
CMY	0.0314, 0.1451, 0.0627
CMYK	0.00, 0.12, 0.03, 0.03
HSL	317°, 64%, 91%
HSV	317°, 12%, 97%
XYZ	79.0092, 76.1490, 92.1953
YIQ	229.0650, 10.5430, 12.6790

Conversions

Conversions Part 2

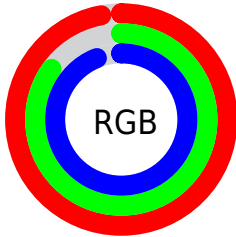
Format	Color
R _Y B	247, 218, 239
Decimal	16243439
CIE Lab	89.93, 13.54, -6.58
CIE LCh	90, 15.052, 334.097
Yxy	76.1490, 0.3194, 0.3079
Android (android.graphics.Color)	4294433519 (0xFFF7DAEF)
YUV	229.0650, 4.8980, 15.7290
Hunter-Lab	87.2634, 8.9048, -1.5565

Details

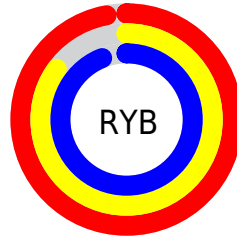
The XYZ color **79.0092, 76.1490, 92.1953** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9047, 86.9201, 84.7324**, and the grayscale version is **74.4856, 78.3646, 85.3391**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1303, 40.6896, 50.3804** is the 20% darker color. If you saturate the color by 10%, you get **72.0879, 63.8864, 85.0147**, and if you desaturate by 10%, it is **86.9273, 90.3423, 99.8973**.

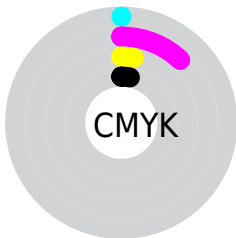
Distribution



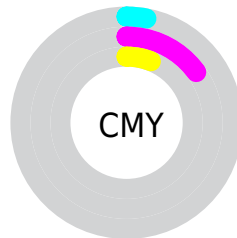
- Red (97%)
- Green (85%)
- Blue (94%)



- Red (97%)
- Yellow (85%)
- Blue (94%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0092, 76.1490, 92.1953 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 79.0092, 76.1490, 92.1953 by changing the saturation by 10% instead.


 79.0092, 76.1490,
92.1953

 79.0092, 76.1490,
92.1953


480.3750,
481.8576, 555.8998

 59.2090, 56.5547,
69.2189


130.9297,
127.9375, 152.3461

 43.0284, 40.6478,
50.4172


163.7807,
160.9005, 190.3576

 30.1020, 28.0440,
35.3715


201.7127,
199.0885, 234.2178

 20.0645, 18.3588,
23.6633

245.0910,
242.8859, 284.3454

 12.5505, 11.2079,
14.8742

294.2811,
292.6771, 341.1589

 7.1946, 6.2069,
8.5855

349.6482,

 3.6315, 2.9713,

348.8466, 405.0767

4.3787

411.5577,
411.7786, 476.5175

■ 1.4959, 1.1168,
1.8353

■ 0.3230, 0.0000,
0.4511

■ 79.0092, 76.1490,
92.1953

■ 79.0092, 76.1490,
92.1953

■ 72.0879, 63.8864,
85.0147

■ 86.9273, 90.3423,
99.8973

■ 66.1143, 53.4603,
78.3344

■ 91.7892, 98.3628,
106.7690

■ 61.0451, 44.7834,
72.1387

■ 92.1683, 98.5144,
108.7651

■ 56.8307, 37.7574,
66.4091

■ 53.4167, 32.2742,
61.1253

■ 50.7422, 28.2127,
56.2648

■ 48.7374, 25.4339,
51.8020

■ 47.3180, 23.7701,
47.7067

■ 46.4800, 23.0231,
44.5635

Harmonies

Analogous

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



76.4648, 76.1490, 101.0746



79.0092, 76.1490, 92.1953



79.7546, 76.1490, 81.4573

Triad

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



79.0092, 76.1490, 92.1953



71.8671, 76.1490, 64.1001



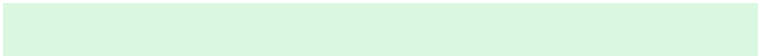
66.6101, 76.1490, 94.9449

Complementary

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



79.0092, 76.1490, 92.1953



75.9047, 86.9201, 84.7324

Split Complementary

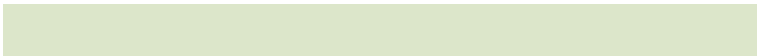
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.4697, 76.1490, 84.3866



79.0092, 76.1490, 92.1953



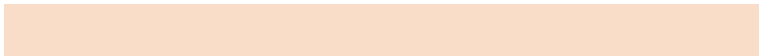
68.4382, 76.1490, 67.0693

Square

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



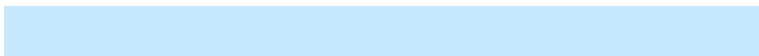
79.0092, 76.1490, 92.1953



75.5497, 76.1490, 65.8058



66.1274, 76.1490, 74.2762



69.2951, 76.1490, 102.7551

Rectangle

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



79.0092, 76.1490, 92.1953



79.1104, 76.1490, 74.8219



66.1274, 76.1490, 74.2762



66.0376, 76.1490, 91.5681

Sweetspot

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



79.0114, 76.1523, 92.1969



91.4321, 93.4839, 105.4751



73.1436, 72.9877, 98.2299



19.4288, 19.7553, 22.4403



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.



79.0114, 76.1523, 92.1969



83.1542, 78.6815, 97.3107



76.9907, 75.3440, 81.5558



17.0072, 16.6857, 19.7843



24.6445, 12.2013, 23.9003



2.2093, 1.0897, 2.3285

Inverse Universe

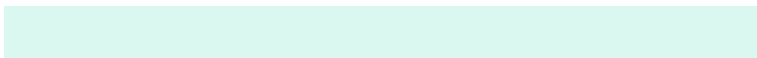
The Inverse Universe completely reimagines the original color for something new.



79.0114, 76.1523, 92.1969



83.1542, 78.6815, 97.3107



77.9397, 87.7341, 95.4484



17.0072, 16.6857, 19.7843



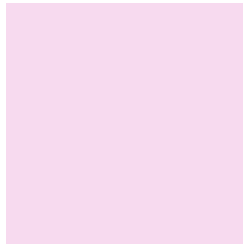
24.6445, 12.2013, 23.9003



2.2093, 1.0897, 2.3285

Previews

White Background



This preview shows how the XYZ color 79.0092, 76.1490, 92.1953 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 79.0092, 76.1490, 92.1953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

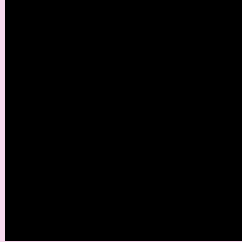
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0092, 76.1490, 92.1953

Background



This preview shows how black text looks on a background with the XYZ color 79.0092, 76.1490, 92.1953.



This preview shows how white text looks on a background with the XYZ color 79.0092, 76.1490,

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

79.0092, 76.1490, 92.1953

Protanopia

74.1542, 76.3290, 95.6187

Deuteranopia

78.1353, 76.4731, 92.3040



Tritanopia

78.8296, 76.4933, 89.9668

Trichromacy



Original Color

79.0092, 76.1490, 92.1953

Protanomaly

75.7526, 75.9770, 94.6768

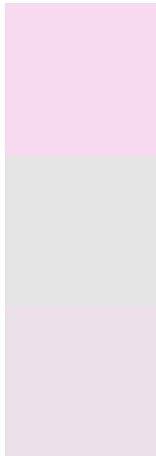
Deuteranomaly

78.2197, 76.1281, 92.2329

Tritanomaly

78.9754, 76.5516, 90.7343

Monochromacy



Original Color

79.0092, 76.1490, 92.1953

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.2253, 77.5665, 88.0451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0092, 76.1490, 92.1953 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(247, 218, 239)` looks like.

```
.text, #text, p{  
    color:rgb(247, 218, 239)  
}
```

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(247, 218, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 218, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.0092, 76.1490, 92.1953 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(247, 218, 239) }
```


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

```
.border{ border-color:rgb(247, 218, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 218, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 218, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 218, 239);  
box-shadow:4px 4px 4px 4px rgb(247, 218,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0092, 76.1490, 92.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 218, 239) }
```

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

```
.background{ background-color: rgb(247,  
218, 239) }
```

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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