

Converting Colors

XYZ(76.2383, 74.9494, 88.6694)

Have a look what the booklet for
XYZ(76.2383, 74.9494, 88.6694)
contains.

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Color

**XYZ(76.3424, 74.8417,
89.0195)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DAEB
RGB	241, 218, 235
RGB Percent	95%, 85%, 92%
CMY	0.0549, 0.1451, 0.0784
CMYK	0.00, 0.10, 0.02, 0.05
HSL	316°, 45%, 90%
HSV	316°, 10%, 95%
XYZ	76.3424, 74.8417, 89.0195
YIQ	226.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

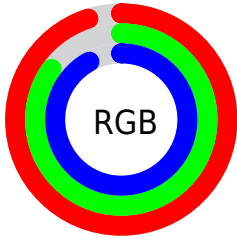
Format	Color
R _Y B	241, 218, 235
Decimal	15850219
CIE Lab	89.32, 10.82, -5.43
CIE LCh	89, 12.104, 333.351
Yxy	74.8417, 0.3178, 0.3116
Android (android.graphics.Color)	4294040299 (0xFFFF1DAEB)
YUV	226.8150, 4.0352, 12.4402
Hunter-Lab	86.5111, 6.1243, -0.4514

Details

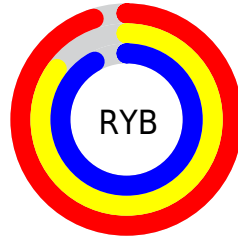
The XYZ color **76.3424, 74.8417, 89.0195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8261, 83.1998, 82.6930**, and the grayscale version is **72.8485, 76.6423, 83.4634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2415, 39.7633, 48.1493** is the 20% darker color. If you saturate the color by 10%, you get **69.6497, 62.8836, 82.3860**, and if you desaturate by 10%, it is **83.9802, 88.6364, 96.1283**.

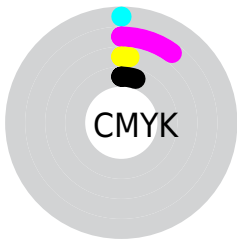
Distribution



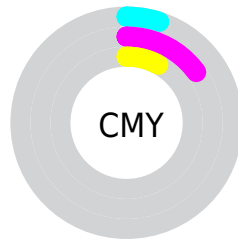
- Red (95%)
- Green (85%)
- Blue (92%)



- Red (95%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3424, 74.8417, 89.0195 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 76.3424, 74.8417, 89.0195 by changing the saturation by 10% instead.

 76.3424, 74.8417,
89.0195

 76.3424, 74.8417,
89.0195


471.4454,
477.3733, 545.3237

 57.0114, 55.4832,
66.5986


127.1886,
126.0883, 147.8993

 41.2545, 39.7887,
48.2989


159.4344,
158.7451, 185.1952

 28.7066, 27.3739,
33.7020


196.7159,
196.6036, 228.2866

 19.0021, 17.8542,
22.3893

239.3984,
240.0480, 277.5919

 11.7758, 10.8454,
13.9422

287.8472,
289.4628, 333.5298

 6.6623, 5.9629,
7.9422

342.4277,

 3.2963, 2.8226,

345.2323, 396.5187

3.9707

403.5054,
407.7410, 466.9771

■ 1.3123, 1.0398,
1.6093

■ 0.1924, 0.0000,
0.2974

■ 76.3424, 74.8417,
89.0195

■ 76.3424, 74.8417,
89.0195

■ 69.6497, 62.8836,
82.3860

■ 83.9802, 88.6364,
96.1283

■ 63.8563, 52.6743,
76.2081

■ 88.9139, 96.9721,
102.4949

■ 58.9220, 44.1330,
70.4719

■ 89.9040, 97.3682,
107.7086

■ 54.8013, 37.1689,
65.1604

■ 90.0861, 97.4410,
108.6677

■ 51.4441, 31.6826,
60.2552

■ 48.7947, 27.5632,
55.7361

■ 46.7895, 24.6841,
51.5801

■ 45.3531, 22.8951,
47.7603

■ 44.3651, 21.9558,
44.2348

Harmonies

Analogous

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



74.3090, 74.8417, 95.8738



76.3424, 74.8417, 89.0195



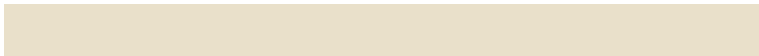
76.9675, 74.8417, 80.5411

Triad

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



76.3424, 74.8417, 89.0195



70.8027, 74.8417, 66.2808



66.4870, 74.8417, 90.7809

Complementary

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



76.3424, 74.8417, 89.0195



73.8261, 83.1998, 82.6930

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.



65.6045, 74.8417, 82.4461



76.3424, 74.8417, 89.0195



68.0523, 74.8417, 68.6218

Square

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



76.3424, 74.8417, 89.0195



73.7175, 74.8417, 67.7760



66.1696, 74.8417, 74.3973



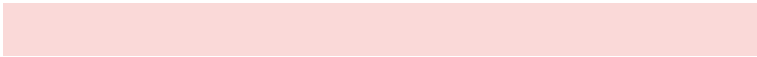
68.6131, 74.8417, 96.9392

Rectangle

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



76.3424, 74.8417, 89.0195



76.4876, 74.8417, 75.2002



66.1696, 74.8417, 74.3973



66.0378, 74.8417, 88.1209

Sweetspot

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



76.3446, 74.8450, 89.0211



92.3382, 95.0879, 106.4189



71.6147, 72.3047, 93.4019



19.6126, 20.0788, 22.6379



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

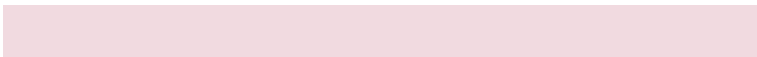
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3446, 74.8450, 89.0211



85.5893, 82.9284, 100.0437



74.7702, 74.2152, 80.7307



16.2679, 15.9569, 18.9669



24.0939, 11.9100, 24.2085



2.0448, 1.0070, 2.2270

Inverse Universe

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



76.3446, 74.8450, 89.0211



85.5893, 82.9284, 100.0437



75.4027, 83.8305, 90.9954



16.2679, 15.9569, 18.9669



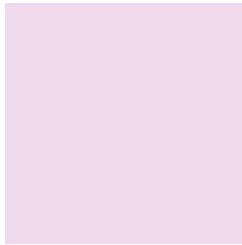
24.0939, 11.9100, 24.2085



2.0448, 1.0070, 2.2270

Previews

White Background



This preview shows how the XYZ color 76.3424, 74.8417, 89.0195 looks on a white background.

Color Contrast Check

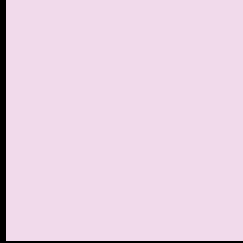
Large Text (above 18pt) WCAG AA × Fail

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 76.3424, 74.8417, 89.0195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

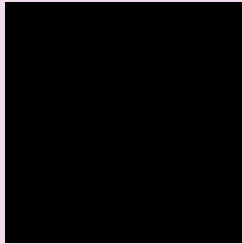
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3424, 74.8417, 89.0195

Background



This preview shows how black text looks on a background with the XYZ color 76.3424, 74.8417, 89.0195.



This preview shows how white text looks on a background with the XYZ color 76.3424, 74.8417,

89.0195.

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

76.3424, 74.8417, 89.0195

Protanopia

72.8716, 74.9560, 91.5161

Deuteranopia

76.3424, 74.8417, 89.0195



Tritanopia

76.3424, 74.8417, 89.0195

Trichromacy



Original Color

76.3424, 74.8417, 89.0195

Protanomaly

74.0975, 74.8163, 90.6564

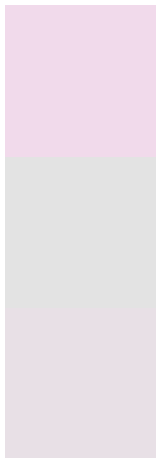
Deuteranomaly

76.3424, 74.8417, 89.0195

Tritanomaly

76.3424, 74.8417, 89.0195

Monochromacy



Original Color

76.3424, 74.8417, 89.0195

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.2173, 76.1803, 85.6555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3424, 74.8417, 89.0195 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(241, 218, 235) looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 235)  
}
```

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(241, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.3424, 74.8417, 89.0195 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(241, 218, 235) }
```


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

```
.border{ border-color:rgb(241, 218, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(241, 218,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3424, 74.8417, 89.0195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 235) }
```

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

```
.background{ background-color: rgb(241,  
218, 235) }
```

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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