

# Converting Colors

XYZ(76.3745, 74.5465, 88.7688)

Have a look what the booklet for  
XYZ(76.3745, 74.5465, 88.7688)  
contains.

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# Color

**XYZ(76.4262, 74.5011,  
88.9493)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D9EB
RGB	242, 217, 235
RGB Percent	95%, 85%, 92%
CMY	0.0510, 0.1490, 0.0784
CMYK	0.00, 0.10, 0.03, 0.05
HSL	317°, 49%, 90%
HSV	317°, 10%, 95%
XYZ	76.4262, 74.5011, 88.9493
YIQ	226.5270, 9.1220, 10.8980

# Conversions

## Conversions Part 2

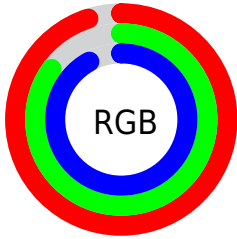
Format	Color
R <sub>Y</sub> B	242, 217, 235
Decimal	15915499
CIE Lab	89.16, 11.68, -5.66
CIE LCh	89, 12.975, 334.159
Yxy	74.5011, 0.3186, 0.3106
Android (android.graphics.Color)	4294105579 (0xFFFF2D9EB)
YUV	226.5270, 4.1772, 13.5698
Hunter-Lab	86.3140, 7.0022, -0.6804

# Details

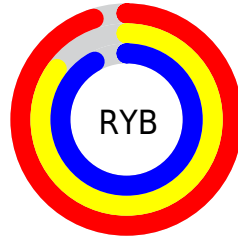
The XYZ color **76.4262, 74.5011, 88.9493** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8248, 83.6398, 82.7781**, and the grayscale version is **72.6381, 76.4210, 83.2224**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3067, 39.5344, 48.1016** is the 20% darker color. If you saturate the color by 10%, you get **69.6802, 62.5454, 81.9620**, and if you desaturate by 10%, it is **84.1285, 88.3075, 96.4412**.

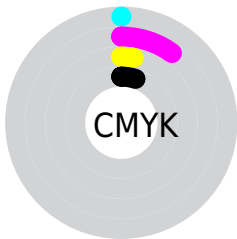
# Distribution



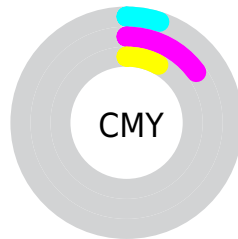
- Red (95%)
- Green (85%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (5%)



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4262, 74.5011, 88.9493 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 76.4262, 74.5011, 88.9493 by changing the saturation by 10% instead.



76.4262, 74.5011,  
88.9493

76.4262, 74.5011,  
88.9493

471.7274,  
476.2010, 545.0887

57.0803, 55.2043,  
66.5407

127.3063,  
125.6059, 147.8008

41.3101, 39.5653,  
48.2522

159.5713,  
158.1827, 185.0808

28.7502, 27.1998,  
33.6653

196.8734,  
195.9548, 228.1551

19.0353, 17.7233,  
22.3613

239.5779,  
239.3068, 277.4421

11.7999, 10.7515,  
13.9218

288.0502,  
288.6231, 333.3604

6.6788, 5.9000,  
7.9281

342.6556,

3.3066, 2.7844,

344.2879, 396.3286

3.9619

403.7596,  
406.6858, 466.7652

■ 1.3179, 1.0202,  
1.6045

■ 0.1966, 0.0000,  
0.2940

■ 76.4262, 74.5011,  
88.9493

■ 76.4262, 74.5011,  
88.9493

■ 69.6802, 62.5454,  
81.9620

■ 84.1285, 88.3075,  
96.4412

■ 63.8439, 52.3511,  
75.4591

■ 89.4081, 97.2094,  
103.3107

■ 58.8765, 43.8363,  
69.4259

■ 90.4285, 97.6175,  
108.6837

■ 54.7316, 36.9086,  
63.8447

■ 51.3580, 31.4666,  
58.6963

■ 48.6989, 27.3973,  
53.9598

■ 46.6891, 24.5711,  
49.6111

■ 45.2513, 22.8338,  
45.6222

■ 44.2808, 21.9425,  
42.0632

# Harmonies

## Analogous

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



74.2806, 74.5011, 96.4003



76.4262, 74.5011, 88.9493



77.0508, 74.5011, 79.8626

# Triad

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



76.4262, 74.5011, 88.9493



70.3710, 74.5011, 64.9597



65.8974, 74.5011, 91.2958

# Complementary

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



76.4262, 74.5011, 88.9493



73.8248, 83.6398, 82.7781

# 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.



64.9176, 74.5011, 82.3886



76.4262, 74.5011, 88.9493



67.4512, 74.5011, 67.5445

# Square

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



76.4262, 74.5011, 88.9493



73.4948, 74.5011, 66.4328



65.4779, 74.5011, 73.7623



68.1934, 74.5011, 97.8243

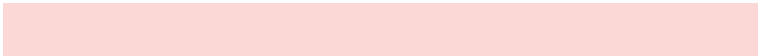


# Rectangle

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



76.4262, 74.5011, 88.9493



76.5056, 74.5011, 74.1981



65.4779, 74.5011, 73.7623



65.4063, 74.5011, 88.4574

# Sweetspot

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



76.4284, 74.5043, 88.9509



92.3148, 95.0786, 106.2961



71.4802, 71.8343, 94.1035



19.6063, 20.0762, 22.6047



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.



76.4284, 74.5043, 88.9509



84.7040, 81.4669, 98.7959



74.7302, 73.8251, 80.0085



16.2545, 15.9515, 18.8962



23.8489, 11.8120, 22.9185



2.0261, 0.9995, 2.1285



# Inverse Universe

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



76.4284, 74.5043, 88.9509



84.7040, 81.4669, 98.7959



75.5344, 84.3237, 91.7808



16.2545, 15.9515, 18.8962



23.8489, 11.8120, 22.9185

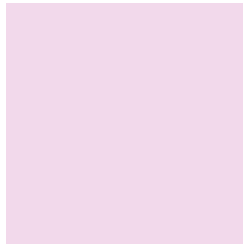


2.0261, 0.9995, 2.1285



# Previews

## White Background



This preview shows how the XYZ color 76.4262, 74.5011, 88.9493 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

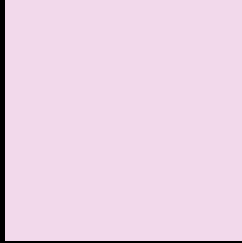
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.4262, 74.5011, 88.9493 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

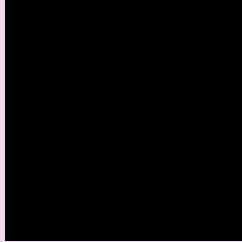
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.4262, 74.5011, 88.9493**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.4262, 74.5011, 88.9493.



This preview shows how white text looks on a background with the XYZ color 76.4262, 74.5011,



# 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

76.4262, 74.5011, 88.9493

### Protanopia

72.5608, 74.7957, 91.5016

### Deuteranopia

76.0839, 74.3246, 88.9333



## Tritanopia

76.2821, 74.4435, 88.1904

# Trichromacy



## Original Color

76.4262, 74.5011, 88.9493

## Protanomaly

74.0975, 74.8163, 90.6564

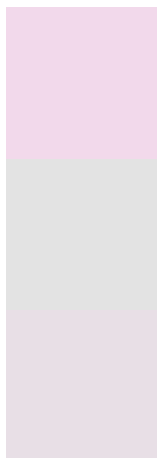
## Deuteranomaly

76.0839, 74.3246, 88.9333

## Tritanomaly

76.2821, 74.4435, 88.1904

# Monochromacy



## Original Color

76.4262, 74.5011, 88.9493

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

73.9493, 75.6443, 85.5662

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.4262, 74.5011, 88.9493 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(242, 217, 235) looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 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(242, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 235) }
```

## Border

The CSS property to change the border of an element to XYZ 76.4262, 74.5011, 88.9493 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(242, 217, 235) }
```



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

```
.border{ border-color:rgb(242, 217, 235) }
```

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

Here you see how a box with a 4 pixel rgb(242, 217, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
235) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.4262, 74.5011, 88.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 235) }
```

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

```
.background{ background-color: rgb(242,  
217, 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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