

Converting Colors

XYZ(76.4007, 76.3034, 90.0886)

Have a look what the booklet for
XYZ(76.4007, 76.3034, 90.0886)
contains.

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Color

**XYZ(76.5215, 76.4758,
90.0851)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EEDEEC |
| RGB | 238, 222, 236 |
| RGB Percent | 93%, 87%, 93% |
| CMY | 0.0667, 0.1294, 0.0745 |
| CMYK | 0.00, 0.07, 0.01, 0.07 |
| HSL | 308°, 32%, 90% |
| HSV | 308°, 7%, 93% |
| XYZ | 76.5215, 76.4758, 90.0851 |
| YIQ | 228.3800, 5.0420, 7.7460 |

Conversions

Conversions Part 2

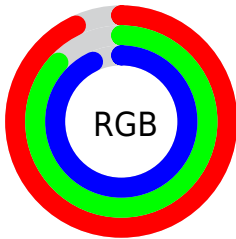
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 238, 222, 236 |
| Decimal | 15654636 |
| CIE Lab | 90.08, 7.90, -4.86 |
| CIE LCh | 90, 9.276, 328.404 |
| Yxy | 76.4758, 0.3148, 0.3146 |
| Android (android.graphics.Color) | 4293844716 (0xFFEEDDEEC) |
| YUV | 228.3800, 3.7567, 8.4367 |
| Hunter-Lab | 87.4504, 3.1540, 0.1391 |

Details

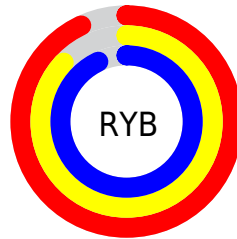
The XYZ color **76.5215, 76.4758, 90.0851** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1562, 82.0626, 82.4562**, and the grayscale version is **73.9936, 77.8470, 84.7754**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3483, 40.8778, 48.8909** is the 20% darker color. If you saturate the color by 10%, you get **70.2131, 64.5442, 85.8677**, and if you desaturate by 10%, it is **83.7337, 90.2014, 94.6412**.

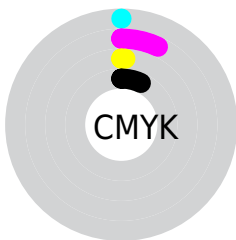
Distribution



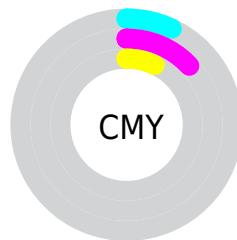
- Red (93%)
- Green (87%)
- Blue (93%)



- Red (93%)
- Yellow (87%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5215, 76.4758, 90.0851 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 76.5215, 76.4758, 90.0851 by changing the saturation by 10% instead.


 76.5215, 76.4758,
90.0851

 76.5215, 76.4758,
90.0851


472.0480,
482.9749, 548.8849

 57.1588, 56.8227,
67.4771


127.4402,
128.3993, 149.3931

 41.3734, 40.8629,
49.0084


159.7270,
161.4384, 186.9303

 28.7999, 28.2120,
34.2605


197.0524,
199.7085, 230.2809

 19.0730, 18.4855,
22.8148

239.7820,
243.5937, 279.8635

 11.8274, 11.2991,
14.2528

288.2810,
293.4786, 336.0967

 6.6976, 6.2684,
8.1560

342.9147,

 3.3184, 3.0090,

349.7475, 399.3989

4.1057

404.0486,
412.7848, 470.1888

■ 1.3243, 1.1364,
1.6835

■ 0.2013, 0.0088,
0.3494

■ 76.5215, 76.4758,
90.0851

■ 76.5215, 76.4758,
90.0851

■ 70.2131, 64.5442,
85.8677

■ 83.7337, 90.2014,
94.6412

■ 64.7648, 54.3223,
81.9714

■ 87.0404, 96.1054,
97.9302

■ 60.1389, 45.7339,
78.3845

■ 87.4910, 96.2856,
100.3031

■ 56.2925, 38.6930,
75.0925

■ 87.9489, 96.4688,
102.7144

53.1786, 33.1058,
72.0794

88.4142, 96.6549,
105.1645

50.7453, 28.8686,
69.3280

88.8868, 96.8440,
107.6533

48.9336, 25.8635,
66.8182

89.0704, 96.9174,
108.6202

47.6746, 23.9526,
64.5270

46.8809, 22.9611,
62.4251

Harmonies

Analogous

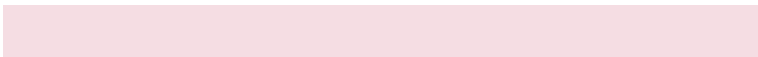
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8127, 76.4758, 94.9181



76.5215, 76.4758, 90.0851



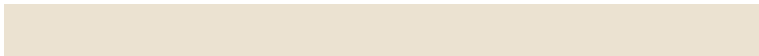
77.2004, 76.4758, 83.6226

Triad

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



76.5215, 76.4758, 90.0851



72.8113, 76.4758, 71.2357



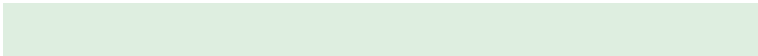
68.8657, 76.4758, 89.4424

Complementary

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



76.5215, 76.4758, 90.0851



74.1562, 82.0626, 82.4562

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.



68.3549, 76.4758, 82.9167



76.5215, 76.4758, 90.0851



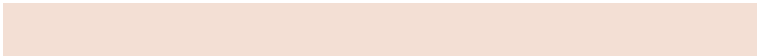
70.6039, 76.4758, 72.6145

Square

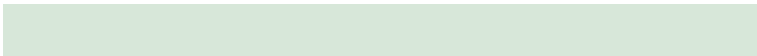
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5215, 76.4758, 90.0851



75.0305, 76.4758, 72.9372



68.9846, 76.4758, 76.8060



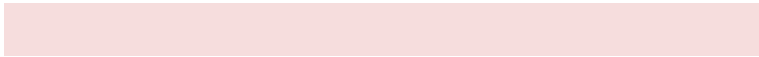
70.3947, 76.4758, 94.5335

Rectangle

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



76.5215, 76.4758, 90.0851



76.9669, 76.4758, 79.3330



68.9846, 76.4758, 76.8060



68.5706, 76.4758, 87.3334

Sweetspot

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



76.5237, 76.4791, 90.0868



93.3420, 96.7481, 107.8250



72.2563, 74.2454, 91.4126



19.9969, 20.7421, 23.0903



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.



76.5237, 76.4791, 90.0868



88.4759, 87.5047, 104.6961



75.4058, 76.0320, 84.2001



16.3642, 15.9954, 19.4742



26.0731, 12.7017, 34.6313



2.1927, 1.0661, 3.0054

Inverse Universe

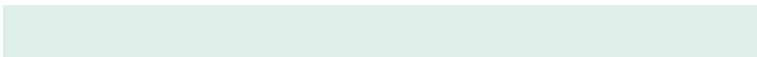
The Inverse Universe completely reimagines the original color for something new.



76.5237, 76.4791, 90.0868



88.4759, 87.5047, 104.6961



75.2479, 82.4992, 88.2049



16.3642, 15.9954, 19.4742



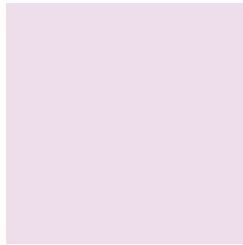
26.0731, 12.7017, 34.6313



2.1927, 1.0661, 3.0054

Previews

White Background



This preview shows how the XYZ color 76.5215, 76.4758, 90.0851 looks on a white background.

Color Contrast Check

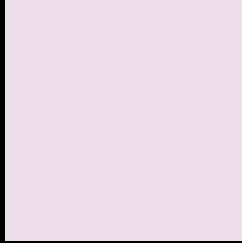
Large Text (above 18pt) WCAG AA × Fail

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 76.5215, 76.4758, 90.0851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

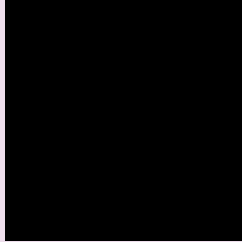
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

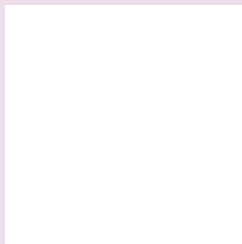
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5215, 76.4758, 90.0851

Background



This preview shows how black text looks on a background with the XYZ color 76.5215, 76.4758, 90.0851.



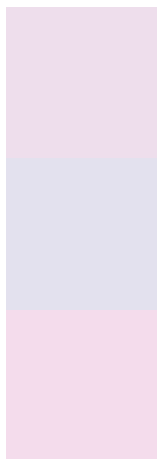
This preview shows how white text looks on a background with the XYZ color 76.5215, 76.4758,

90.0851.

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

76.5215, 76.4758, 90.0851

Protanopia

74.0364, 76.3544, 91.7247

Deuteranopia

78.0417, 76.4756, 90.0049



Tritanopia

76.9612, 76.6517, 92.4003

Trichromacy



Original Color

76.5215, 76.4758, 90.0851

Protanomaly

74.8967, 76.4147, 90.9228

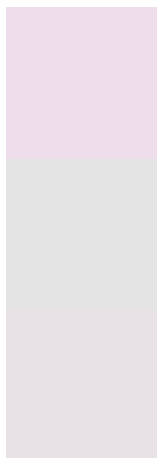
Deuteranomaly

77.6147, 76.6463, 90.0604

Tritanomaly

76.8138, 76.5927, 91.6243

Monochromacy



Original Color

76.5215, 76.4758, 90.0851

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.8989, 77.3180, 86.5776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5215, 76.4758, 90.0851 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(238, 222, 236)` looks like.

```
.text, #text, p{  
    color:rgb(238, 222, 236)  
}
```

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(238, 222, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 222, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.5215, 76.4758, 90.0851 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(238, 222, 236) }
```


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

```
.border{ border-color:rgb(238, 222, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 222, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 222, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 222, 236); box-shadow:4px 4px 4px 4px rgb(238, 222, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5215, 76.4758, 90.0851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 222, 236) }
```

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

```
.background{ background-color: rgb(238,  
222, 236) }
```

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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