

Converting Colors

XYZ(76.6402, 77.3188, 90.8544)

Have a look what the booklet for
XYZ(76.6402, 77.3188, 90.8544)
contains.

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Color

**XYZ(76.5338, 77.2586,
90.9994)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE0ED
RGB	236, 224, 237
RGB Percent	93%, 88%, 93%
CMY	0.0745, 0.1215, 0.0706
CMYK	0.00, 0.05, 0.00, 0.07
HSL	295°, 27%, 90%
HSV	295°, 5%, 93%
XYZ	76.5338, 77.2586, 90.9994
YIQ	229.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

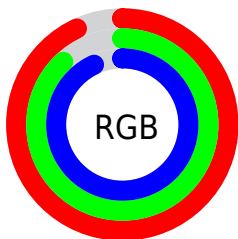
Format	Color
R_{YB}	236, 224, 237
Decimal	15524077
CIE Lab	90.44, 6.37, -4.87
CIE LCh	90, 8.020, 322.599
Yxy	77.2586, 0.3126, 0.3156
Android (android.graphics.Color)	4293714157 (0xFFECE0ED)
YUV	229.0700, 3.9095, 6.0776
Hunter-Lab	87.8969, 1.6045, 0.1450

Details

The XYZ color **76.5338, 77.2586, 90.9994** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7929, 81.9598, 82.4027**, and the grayscale version is **74.5002, 78.3800, 85.3558**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3508, 41.4154, 49.5306** is the 20% darker color. If you saturate the color by 10%, you get **70.0016, 65.0873, 88.9955**, and if you desaturate by 10%, it is **83.9644, 91.2153, 93.3028**.

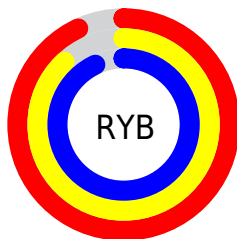
Distribution



Red (93%)

Green (88%)

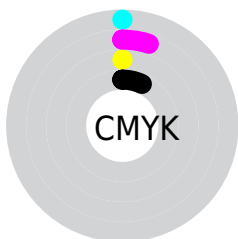
Blue (93%)



Red (93%)

Yellow (88%)

Blue (93%)

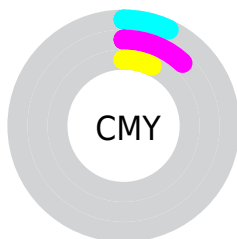


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5338, 77.2586, 90.9994 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 76.5338, 77.2586, 90.9994 by changing the saturation by 10% instead.

76.5338, 77.2586,
90.9994

76.5338, 77.2586,
90.9994

472.0894,
485.6453, 551.9303

57.1689, 57.4651,
68.2315

127.4575,
129.5045, 150.6735

41.3815, 41.3788,
49.6182

159.7471,
162.7256, 188.4167

28.8063, 28.6152,
34.7411

197.0756,
201.1915, 231.9887

19.0779, 18.7899,
23.1815

239.8083,
245.2865, 281.8081

11.8309, 11.5186,
14.5210

288.3107,
295.3950, 338.2934

6.7000, 6.4168,
8.3411

342.9481,

3.3199, 3.1001,

351.9013, 401.8632

4.2231

404.0859,
415.1900, 472.9360

■ 1.3251, 1.1842,
1.7485

■ 0.2019, 0.0488,
0.3937

■ 76.5338, 77.2586,
90.9994

■ 76.5338, 77.2586,
90.9994

■ 70.0016, 65.0873,
88.9955

■ 83.9644, 91.2153,
93.3028

■ 64.3245, 54.6183,
87.2740

■ 86.8622, 96.0983,
94.0926

■ 59.4659, 45.7769,
85.8236

■ 87.4832, 96.4184,
94.1217

■ 55.3835, 38.4791,
84.6301

■ 88.1104, 96.7418,
94.1510

52.0315, 32.6329,
83.6783

88.7439, 97.0684,
94.1807

49.3592, 28.1370,
82.9514

89.3837, 97.3982,
94.2106

47.3093, 24.8769,
82.4302

90.0297, 97.7312,
94.2409

45.8150, 22.7191,
82.0924

90.6821, 98.0675,
94.2714

44.7941, 21.4990,
81.9107

91.3407, 98.4071,
94.3022

Harmonies

Analogous

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



74.9218, 77.2586, 94.7195



76.5338, 77.2586, 90.9994



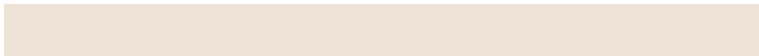
77.3173, 77.2586, 85.5500

Triad

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



76.5338, 77.2586, 90.9994



73.9291, 77.2586, 73.6519



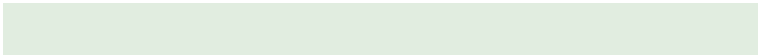
69.9339, 77.2586, 88.4312

Complementary

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



76.5338, 77.2586, 90.9994



74.7929, 81.9598, 82.4027

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.



69.6790, 77.2586, 82.7089



76.5338, 77.2586, 90.9994



71.9621, 77.2586, 74.3451

Square

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



76.5338, 77.2586, 90.9994



75.7958, 77.2586, 75.6610



70.4151, 77.2586, 77.5992



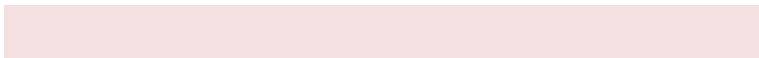
71.1178, 77.2586, 93.1903

Rectangle

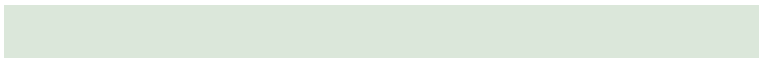
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5338, 77.2586, 90.9994



77.2546, 77.2586, 81.7387



70.4151, 77.2586, 77.5992



69.7376, 77.2586, 86.5502

Sweetspot

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



76.5360, 77.2619, 91.0011



93.3003, 96.7147, 108.3581



72.9776, 75.8610, 90.9182



19.9884, 20.7353, 23.1988



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.



76.5360, 77.2619, 91.0011



89.1142, 88.8757, 107.0657



76.0895, 77.1218, 86.9120



15.8618, 15.7516, 19.1266



24.3074, 11.5669, 44.6944



1.9428, 0.9258, 3.5112

Inverse Universe

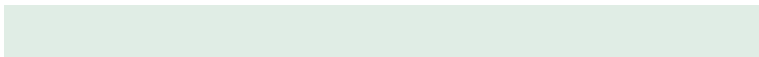
The Inverse Universe completely reimagines the original color for something new.



75.1740, 76.7556, 82.0912



87.0773, 88.1191, 93.7119



75.2285, 82.0981, 86.3185



15.4711, 15.6065, 16.5630



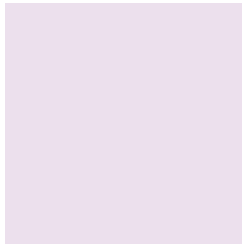
19.1466, 9.8613, 1.3072



1.5199, 0.7809, 0.1889

Previews

White Background



This preview shows how the XYZ color 76.5338, 77.2586, 90.9994 looks on a white background.

Color Contrast Check

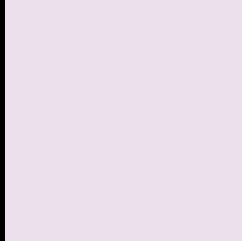
Large Text (above 18pt) WCAG AA × Fail

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 76.5338, 77.2586, 90.9994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

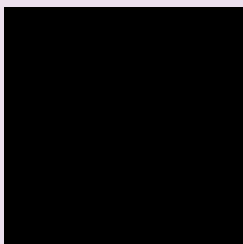
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

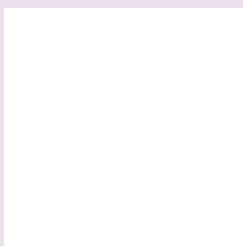
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5338, 77.2586, 90.9994

Background



This preview shows how black text looks on a background with the XYZ color 76.5338, 77.2586, 90.9994.



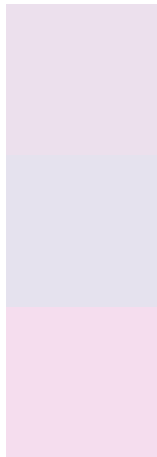
This preview shows how white text looks on a background with the XYZ color 76.5338, 77.2586,

90.9994.

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

76.5338, 77.2586, 90.9994

Protanopia

74.9421, 77.2238, 91.8447

Deuteranopia

78.9453, 77.2984, 91.6481



Tritanopia

77.1899, 77.1308, 94.0385

Trichromacy



Original Color

76.5338, 77.2586, 90.9994

Protanomaly

75.6365, 77.1793, 91.7995

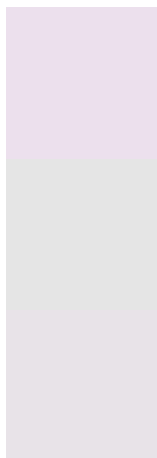
Deuteranomaly

78.1718, 77.2928, 91.6878

Tritanomaly

77.0409, 77.0711, 93.2538

Monochromacy



Original Color

76.5338, 77.2586, 90.9994

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.3133, 77.9202, 87.4146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5338, 77.2586, 90.9994 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(236, 224, 237) looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 237)  
}
```

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(236, 224, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 237) }
```

Border

The CSS property to change the border of an element to XYZ 76.5338, 77.2586, 90.9994 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(236, 224, 237) }
```


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

```
.border{ border-color:rgb(236, 224, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 224, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 237);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5338, 77.2586, 90.9994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 237) }
```

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

```
.background{ background-color: rgb(236,  
224, 237) }
```

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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