

Converting Colors

XYZ(77.4797, 76.7443, 91.7701)

Have a look what the booklet for
XYZ(77.4797, 76.7443, 91.7701)
contains.

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Color

**XYZ(77.4891, 76.9409,
91.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DEEE
RGB	240, 222, 238
RGB Percent	94%, 87%, 93%
CMY	0.0588, 0.1294, 0.0667
CMYK	0.00, 0.07, 0.01, 0.06
HSL	307°, 37%, 91%
HSV	307°, 7%, 94%
XYZ	77.4891, 76.9409, 91.6559
YIQ	229.2060, 5.5920, 8.7920

Conversions

Conversions Part 2

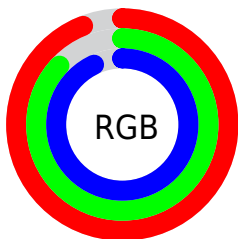
Format	Color
R _Y B	240, 222, 238
Decimal	15785710
CIE Lab	90.29, 8.93, -5.57
CIE LCh	90, 10.526, 328.018
Yxy	76.9409, 0.3149, 0.3127
Android (android.graphics.Color)	4293975790 (0xFFFF0DEEE)
YUV	229.2060, 4.3354, 9.4663
Hunter-Lab	87.7160, 4.1856, -0.5520

Details

The XYZ color **77.4891, 76.9409, 91.6559** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7418, 83.2337, 82.6515**, and the grayscale version is **74.5959, 78.4807, 85.4655**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0294, 41.2052, 49.9942** is the 20% darker color. If you saturate the color by 10%, you get **71.1748, 64.9337, 87.6328**, and if you desaturate by 10%, it is **84.7210, 90.7717, 96.0154**.

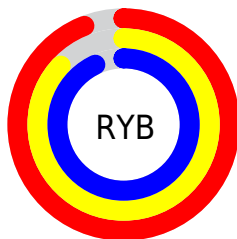
Distribution



Red (94%)

Green (87%)

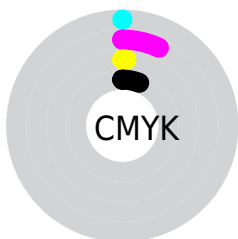
Blue (93%)



Red (94%)

Yellow (87%)

Blue (93%)

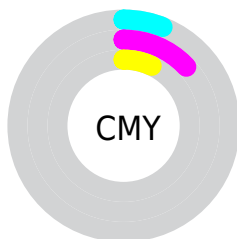


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (6%)



Cyan (6%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4891, 76.9409, 91.6559 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 77.4891, 76.9409, 91.6559 by changing the saturation by 10% instead.


 77.4891, 76.9409,
91.6559

 77.4891, 76.9409,
91.6559


475.2964,
484.5625, 554.1113

 57.9557, 57.2044,
68.7734


128.7988,
129.0561, 151.5919

 42.0162, 41.1693,
50.0566


161.3059,
162.2035, 189.4826

 29.3051, 28.4514,
35.0869


198.8682,
200.5900, 233.2130

 19.4572, 18.6662,
23.4457

241.8512,
244.5999, 283.2018

 12.1071, 11.4294,
14.7146

290.6202,
294.6178, 339.8675

 6.8894, 6.3564,
8.4749

345.5404,

 3.4387, 3.0630,

351.0279, 403.6286

4.3082

406.9774,
414.2147, 474.9037

■ 1.3898, 1.1647,
1.7959

■ 0.2489, 0.0326,
0.4253

■ 77.4891, 76.9409,
91.6559

■ 77.4891, 76.9409,
91.6559

■ 71.1748, 64.9337,
87.6328

■ 84.7210, 90.7717,
96.0154

■ 65.7332, 54.6639,
83.9281

■ 87.9242, 96.5369,
99.0599

■ 61.1257, 46.0530,
80.5299

■ 88.3308, 96.6996,
101.2010

■ 57.3082, 39.0129,
77.4233

■ 88.7433, 96.8646,
103.3731

■ 54.2325, 33.4472,
74.5922

■ 89.1617, 97.0319,
105.5764

■ 51.8449, 29.2488,
72.0184

■ 89.5860, 97.2017,
107.8108

■ 50.0848, 26.2962,
69.6817

■ 89.7457, 97.2655,
108.6518

■ 48.8806, 24.4465,
67.5581

■ 48.1379, 23.5107,
65.6160

Harmonies

Analogous

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



75.5233, 76.9409, 97.1757



77.4891, 76.9409, 91.6559



78.2838, 76.9409, 84.2757

Triad

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



77.4891, 76.9409, 91.6559



73.3044, 76.9409, 70.1615



68.7701, 76.9409, 90.7410

Complementary

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



77.4891, 76.9409, 91.6559



74.7418, 83.2337, 82.6515

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.



68.2076, 76.9409, 83.2774



77.4891, 76.9409, 91.6559



70.7878, 76.9409, 71.6677

Square

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



77.4891, 76.9409, 91.6559



75.8322, 76.9409, 72.1184



68.9376, 76.9409, 76.3604



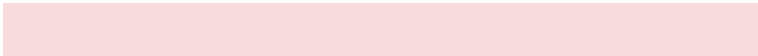
70.4928, 76.9409, 96.6257

Rectangle

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



77.4891, 76.9409, 91.6559



78.0286, 76.9409, 79.3894



68.9376, 76.9409, 76.3604



68.4409, 76.9409, 88.3204

Sweetspot

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



77.4913, 76.9442, 91.6576



93.3534, 96.7526, 107.8849



72.5313, 74.3531, 92.9681



19.9992, 20.7430, 23.1025



0.0000, 0.0000, 0.0000



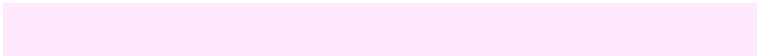
20.3446, 21.4041, 23.3091

Same Dimension

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



77.4913, 76.9442, 91.6576



87.7527, 86.0582, 104.4551



76.2299, 76.4396, 85.0148



16.3742, 15.9994, 19.5266



26.2998, 12.7923, 35.8249



2.2093, 1.0728, 3.0930

Inverse Universe

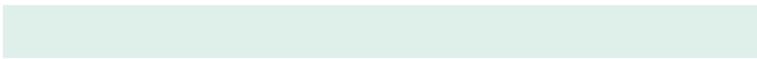
The Inverse Universe completely reimagines the original color for something new.



77.4913, 76.9442, 91.6576



87.7527, 86.0582, 104.4551



75.9664, 83.7235, 89.0999



16.3742, 15.9994, 19.5266



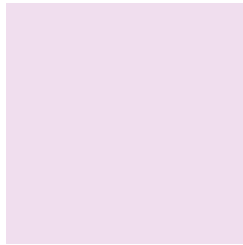
26.2998, 12.7923, 35.8249



2.2093, 1.0728, 3.0930

Previews

White Background



This preview shows how the XYZ color 77.4891, 76.9409, 91.6559 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 77.4891, 76.9409, 91.6559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

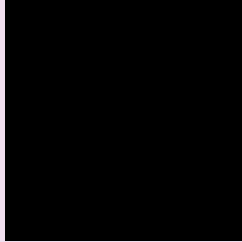
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4891, 76.9409, 91.6559

Background



This preview shows how black text looks on a background with the XYZ color 77.4891, 76.9409, 91.6559.



This preview shows how white text looks on a background with the XYZ color 77.4891, 76.9409,

91.6559.

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

77.4891, 76.9409, 91.6559

Protanopia

74.6031, 77.0149, 93.3714

Deuteranopia

78.3340, 76.5925, 91.5441



Tritanopia

77.6364, 76.9998, 92.4319

Trichromacy



Original Color

77.4891, 76.9409, 91.6559

Protanomaly

75.7839, 77.2382, 92.5756

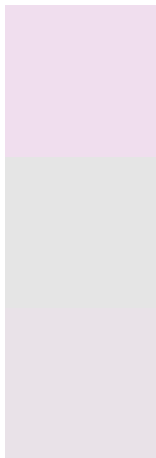
Deuteranomaly

78.2512, 76.9406, 91.6157

Tritanomaly

77.6364, 76.9998, 92.4319

Monochromacy



Original Color

77.4891, 76.9409, 91.6559

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.3661, 77.5425, 87.3389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4891, 76.9409, 91.6559 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(240, 222, 238) looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 238)  
}
```

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(240, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 238) }
```

Border

The CSS property to change the border of an element to XYZ 77.4891, 76.9409, 91.6559 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(240, 222, 238) }
```


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

```
.border{ border-color:rgb(240, 222, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4891, 76.9409, 91.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 238) }
```

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

```
.background{ background-color: rgb(240,  
222, 238) }
```

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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