

Converting Colors

XYZ(77.3411, 78.9249, 89.8748)

Have a look what the booklet for
XYZ(77.3411, 78.9249, 89.8748)
contains.

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Color

**XYZ(77.3895, 78.9409,
89.7555)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE3EB
RGB	237, 227, 235
RGB Percent	93%, 89%, 92%
CMY	0.0706, 0.1098, 0.0784
CMYK	0.00, 0.04, 0.01, 0.07
HSL	312°, 22%, 91%
HSV	312°, 4%, 93%
XYZ	77.3895, 78.9409, 89.7555
YIQ	230.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

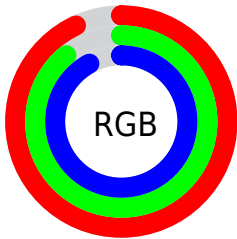
Format	Color
R _Y B	237, 227, 235
Decimal	15590379
CIE Lab	91.21, 4.79, -2.69
CIE LCh	91, 5.494, 330.726
Yxy	78.9409, 0.3145, 0.3208
Android (android.graphics.Color)	4293780459 (0xFFE3E3EB)
YUV	230.9020, 2.0203, 5.3479
Hunter-Lab	88.8487, -0.0071, 2.2990

Details

The XYZ color **77.3895, 78.9409, 89.7555** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.1086, 82.5584, 86.0568**, and the grayscale version is **75.8684, 79.8195, 86.9234**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9453, 42.5835, 48.6565** is the 20% darker color. If you saturate the color by 10%, you get **70.6731, 66.5889, 84.1825**, and if you desaturate by 10%, it is **85.0209, 93.0915, 95.7255**.

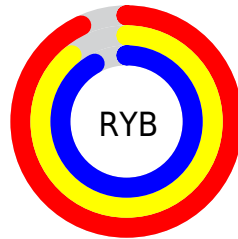
Distribution



Red (93%)

Green (89%)

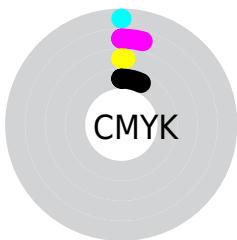
Blue (92%)



Red (93%)

Yellow (89%)

Blue (92%)

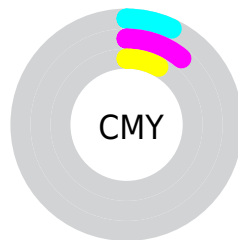


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3895, 78.9409, 89.7555 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 77.3895, 78.9409, 89.7555 by changing the saturation by 10% instead.

77.3895, 78.9409,
89.7555

77.3895, 78.9409,
89.7555

474.9626,
491.3564, 547.7847

57.8736, 58.8472,
67.2053

128.6591,
131.8757, 148.9313

41.9499, 42.4901,
48.7888

161.1435,
165.4855, 186.3939

29.2530, 29.4853,
34.0876

198.6815,
204.3696, 229.6645

19.4176, 19.4482,
22.6830

241.6385,
248.9122, 279.1615

12.0782, 11.9946,
14.1565

290.3797,
299.4978, 335.3035

6.8695, 6.7400,
8.0896

345.2705,

3.4262, 3.3000,

356.5108, 398.5090

4.0637

406.6764,
420.3355, 469.1966

■ 1.3830, 1.2903,
1.6604

■ 0.2440, 0.1337,
0.3334

■ 77.3895, 78.9409,
89.7555

■ 77.3895, 78.9409,
89.7555

■ 70.6731, 66.5889,
84.1825

■ 85.0209, 93.0915,
95.7255

■ 64.8287, 55.9528,
78.9886

■ 87.0883, 96.0859,
99.9307

■ 59.8195, 46.9585,
74.1619

■ 87.8197, 96.3784,
103.7820

■ 55.6038, 39.5227,
69.6877

■ 88.5697, 96.6784,
107.7316

■ 52.1362, 33.5546,
65.5500

■ 88.7355, 96.7447,
108.6045

■ 49.3664, 28.9542,
61.7316

■ 47.2381, 25.6087,
58.2128

■ 45.6857, 23.3876,
54.9711

■ 44.6293, 22.1312,
51.9791

Harmonies

Analogous

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



76.4065, 78.9409, 92.7110



77.3895, 78.9409, 89.7555



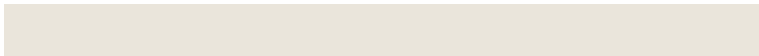
77.7387, 78.9409, 85.8562

Triad

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



77.3895, 78.9409, 89.7555



74.9971, 78.9409, 78.5154



72.7540, 78.9409, 89.9287

Complementary

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



77.3895, 78.9409, 89.7555



76.1086, 82.5584, 86.0568

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.



72.3868, 78.9409, 86.0503



77.3895, 78.9409, 89.7555



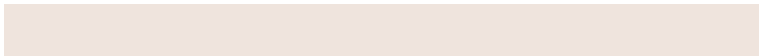
73.6720, 78.9409, 79.5321

Square

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



77.3895, 78.9409, 89.7555



76.3471, 78.9409, 79.4399



72.7208, 78.9409, 82.2599



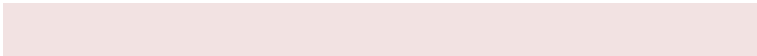
73.7300, 78.9409, 92.8132

Rectangle

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



77.3895, 78.9409, 89.7555



77.5617, 78.9409, 83.2694



72.7208, 78.9409, 82.2599



72.5559, 78.9409, 88.6941

Sweetspot

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



77.3918, 78.9443, 89.7572



94.1599, 98.3510, 108.1986



75.0716, 77.7146, 91.1655



20.1635, 21.0685, 23.1664



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.



77.3918, 78.9443, 89.7572



90.7086, 91.9700, 105.4402



76.6797, 78.6595, 86.0075



16.1268, 16.2696, 18.7804



24.1654, 11.8688, 27.7359



1.9303, 0.9451, 2.3505

Inverse Universe

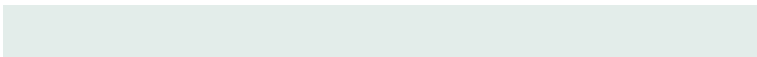
The Inverse Universe completely reimagines the original color for something new.



77.3918, 78.9443, 89.7572



90.7086, 91.9700, 105.4402



76.8166, 82.8416, 89.7852



16.1268, 16.2696, 18.7804



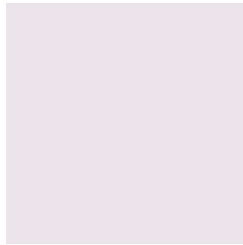
24.1654, 11.8688, 27.7359



1.9303, 0.9451, 2.3505

Previews

White Background



This preview shows how the XYZ color 77.3895, 78.9409, 89.7555 looks on a white background.

Color Contrast Check

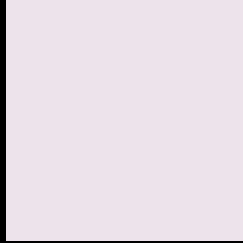
Large Text (above 18pt) WCAG AA × Fail

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 77.3895, 78.9409, 89.7555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

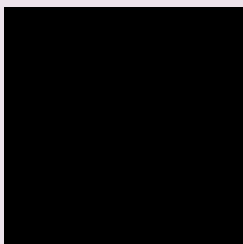
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

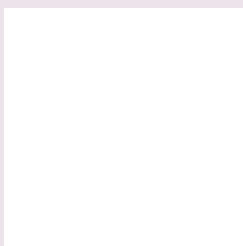
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3895, 78.9409, 89.7555

Background



This preview shows how black text looks on a background with the XYZ color 77.3895, 78.9409, 89.7555.



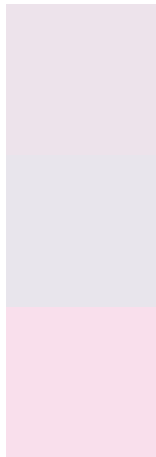
This preview shows how white text looks on a background with the XYZ color 77.3895, 78.9409,

89.7555.

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

77.3895, 78.9409, 89.7555

Protanopia

76.4383, 79.2506, 90.6250

Deuteranopia

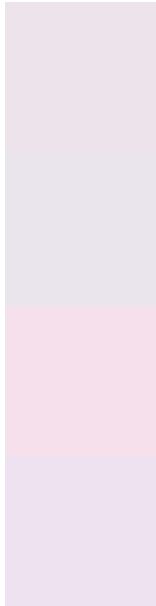
80.5949, 78.9712, 90.3520



Tritanopia

78.6339, 79.0409, 95.9060

Trichromacy



Original Color

77.3895, 78.9409, 89.7555

Protanomaly

76.8154, 79.0354, 90.5636

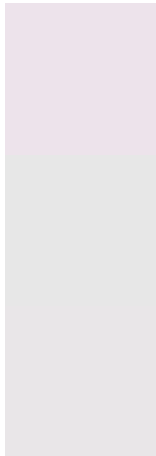
Deuteranomaly

79.4522, 78.7799, 90.3753

Tritanomaly

78.1844, 78.8611, 93.5390

Monochromacy



Original Color

77.3895, 78.9409, 89.7555

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.4666, 79.7435, 87.7057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3895, 78.9409, 89.7555 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(237, 227, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 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(237, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 235) }
```

Border

The CSS property to change the border of an element to XYZ 77.3895, 78.9409, 89.7555 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(237, 227, 235) }
```


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

```
.border{ border-color:rgb(237, 227, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 227, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3895, 78.9409, 89.7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 235) }
```

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

```
.background{ background-color: rgb(237,  
227, 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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