

Converting Colors

XYZ(77.8555, 78.8127, 91.3860)

Have a look what the booklet for
XYZ(77.8555, 78.8127, 91.3860)
contains.

XYZ(77.7423, 78.6843, 91.2109)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.7423, 78.6843,
91.2109)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE2ED
RGB	238, 226, 237
RGB Percent	93%, 89%, 93%
CMY	0.0667, 0.1137, 0.0706
CMYK	0.00, 0.05, 0.00, 0.07
HSL	305°, 26%, 91%
HSV	305°, 5%, 93%
XYZ	77.7423, 78.6843, 91.2109
YIQ	230.8420, 3.6210, 5.9650

Conversions

Conversions Part 2

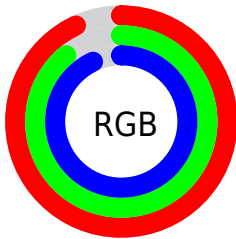
Format	Color
R_{YB}	238, 226, 237
Decimal	15655661
CIE Lab	91.09, 6.00, -3.90
CIE LCh	91, 7.155, 327.017
Yxy	78.6843, 0.3139, 0.3177
Android (android.graphics.Color)	4293845741 (0xFFEEE2ED)
YUV	230.8420, 3.0359, 6.2776
Hunter-Lab	88.7042, 1.2091, 1.1274

Details

The XYZ color **77.7423, 78.6843, 91.2109** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.8067, 82.8659, 84.6764**, and the grayscale version is **75.8164, 79.7647, 86.8638**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1948, 42.4071, 49.6775** is the 20% darker color. If you saturate the color by 10%, you get **71.4271, 66.5141, 87.6846**, and if you desaturate by 10%, it is **84.9635, 92.6591, 95.0570**.

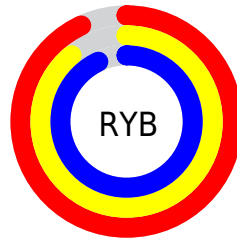
Distribution



Red (93%)

Green (89%)

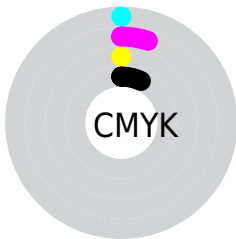
Blue (93%)



Red (93%)

Yellow (89%)

Blue (93%)

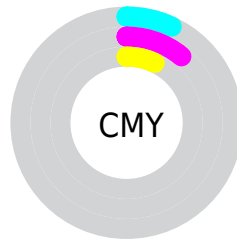


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7423, 78.6843, 91.2109 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 77.7423, 78.6843, 91.2109 by changing the saturation by 10% instead.

77.7423, 78.6843,
91.2109

77.7423, 78.6843,
91.2109

476.1444,
490.4877, 552.6335

58.1644, 58.6363,
68.4060

129.1541,
131.5143, 150.9694

42.1846, 42.3204,
49.7594

161.7186,
165.0651, 188.7602

29.4376, 29.3523,
34.8524

199.3427,
203.8856, 232.3833

19.5580, 19.3475,
23.2666

242.3918,
248.3602, 282.2573

12.1806, 11.9216,
14.5833

291.2311,
298.8734, 338.8008

6.9399, 6.6903,
8.3841

346.2261,

3.4705, 3.2692,

355.8094, 402.4323

4.2504

407.7421,
419.5527, 473.5704

■ 1.4072, 1.2738,
1.7637

■ 0.2613, 0.1208,
0.4039

■ 77.7423, 78.6843,
91.2109

■ 77.7423, 78.6843,
91.2109

■ 71.4271, 66.5141,
87.6846

■ 84.9635, 92.6591,
95.0570

■ 65.9744, 56.0649,
84.4605

■ 86.8930, 96.0464,
97.1541

■ 61.3470, 47.2612,
81.5273

■ 87.1910, 96.1656,
98.7233

■ 57.5026, 40.0185,
78.8708

■ 87.4922, 96.2861,
100.3095

54.3951, 34.2444,
76.4755

87.7967, 96.4079,
101.9128

51.9734, 29.8369,
74.3244

88.1044, 96.5310,
103.5333

50.1800, 26.6810,
72.3982

88.4154, 96.6554,
105.1710

48.9479, 24.6428,
70.6747

88.7297, 96.7811,
106.8260

48.1950, 23.5578,
69.1262

89.0472, 96.9081,
108.4983

Harmonies

Analogous

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



76.3779, 78.6843, 94.8564



77.7423, 78.6843, 91.2109



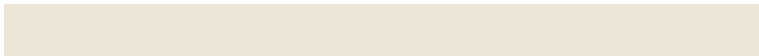
78.3140, 78.6843, 86.1931

Triad

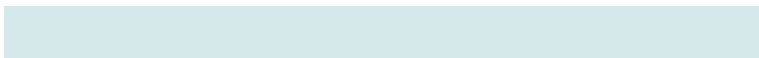
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7423, 78.6843, 91.2109



74.9682, 78.6843, 76.1076



71.7315, 78.6843, 90.2782

Complementary

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



77.7423, 78.6843, 91.2109



75.8067, 82.8659, 84.6764

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.



71.3676, 78.6843, 85.1566



77.7423, 78.6843, 91.2109



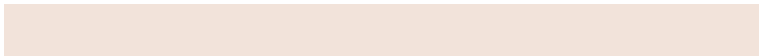
73.2184, 78.6843, 77.1039

Square

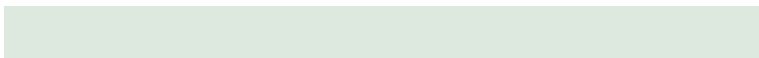
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7423, 78.6843, 91.2109



76.6963, 78.6843, 77.5880



71.9077, 78.6843, 80.3655



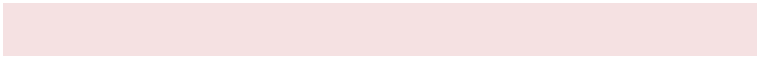
72.9098, 78.6843, 94.3028

Rectangle

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



77.7423, 78.6843, 91.2109



78.1619, 78.6843, 82.7920



71.9077, 78.6843, 80.3655



71.5108, 78.6843, 88.6218

Sweetspot

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



77.7446, 78.6877, 91.2126



93.3762, 96.7617, 108.0048



74.3109, 76.9007, 91.8167



20.0039, 20.7449, 23.1269



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

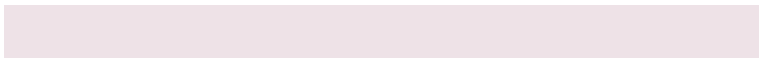
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7446, 78.6877, 91.2126



90.1572, 90.5418, 106.2595



76.8826, 78.3429, 86.6737



16.7986, 16.7875, 19.8552



26.7670, 12.9792, 38.2850



2.2434, 1.0864, 3.2726

Inverse Universe

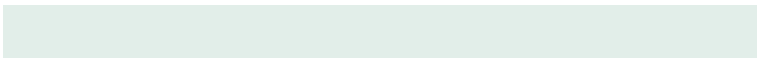
The Inverse Universe completely reimagines the original color for something new.



77.7446, 78.6877, 91.2126



90.1572, 90.5418, 106.2595



76.6492, 83.2030, 89.1131



16.7986, 16.7875, 19.8552



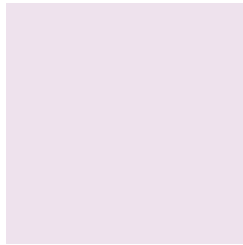
26.7670, 12.9792, 38.2850



2.2434, 1.0864, 3.2726

Previews

White Background



This preview shows how the XYZ color 77.7423, 78.6843, 91.2109 looks on a white background.

Color Contrast Check

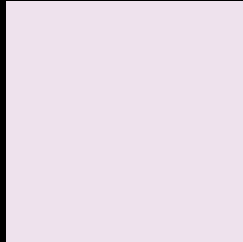
Large Text (above 18pt) WCAG AA × Fail

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 77.7423, 78.6843, 91.2109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

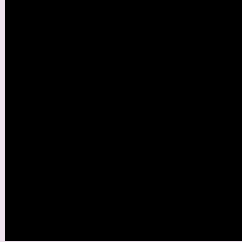
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

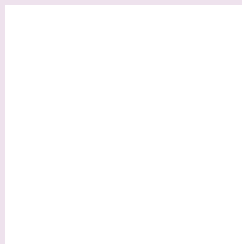
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.7423, 78.6843, 91.2109

Background



This preview shows how black text looks on a background with the XYZ color 77.7423, 78.6843, 91.2109.



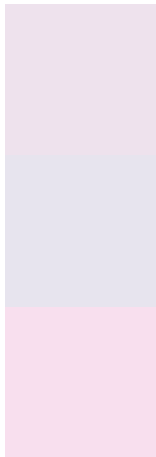
This preview shows how white text looks on a background with the XYZ color 77.7423, 78.6843,

91.2109.

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

77.7423, 78.6843, 91.2109

Protanopia

76.1310, 78.6488, 92.0571

Deuteranopia

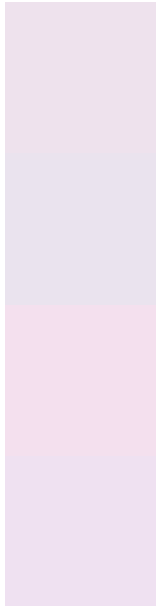
80.5317, 78.9049, 91.8746



Tritanopia

78.6995, 78.6722, 95.8314

Trichromacy



Original Color

77.7423, 78.6843, 91.2109

Protanomaly

76.8334, 78.6036, 92.0114

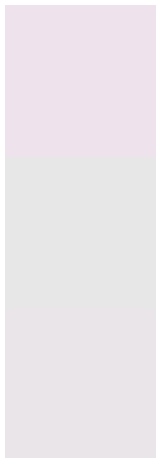
Deuteranomaly

79.3965, 78.7175, 91.8983

Tritanomaly

78.3990, 78.5520, 94.2491

Monochromacy



Original Color

77.7423, 78.6843, 91.2109

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.6590, 79.4142, 88.3789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7423, 78.6843, 91.2109 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, 226, 237) looks like.

```
.text, #text, p{  
    color:rgb(238, 226, 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(238, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 226, 237) }
```

Border

The CSS property to change the border of an element to XYZ 77.7423, 78.6843, 91.2109 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, 226, 237) }
```


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

```
.border{ border-color:rgb(238, 226, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 226, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(238, 226,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7423, 78.6843, 91.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 226, 237) }
```

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

```
.background{ background-color: rgb(238,  
226, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor