

Converting Colors

XYZ(78.7316, 78.8380, 88.9018)

Have a look what the booklet for
XYZ(78.7316, 78.8380, 88.9018)
contains.

XYZ(78.7386, 78.8456, 88.9107)	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(78.7386, 78.8456,
88.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E1EA
RGB	243, 225, 234
RGB Percent	95%, 88%, 92%
CMY	0.0471, 0.1176, 0.0823
CMYK	0.00, 0.07, 0.04, 0.05
HSL	330°, 43%, 92%
HSV	330°, 7%, 95%
XYZ	78.7386, 78.8456, 88.9107
YIQ	231.4080, 7.8390, 6.6150

Conversions

Conversions Part 2

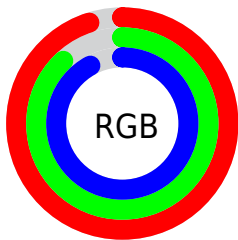
Format	Color
R _Y B	243, 225, 234
Decimal	15983082
CIE Lab	91.16, 7.68, -2.17
CIE LCh	91, 7.977, 344.210
Yxy	78.8456, 0.3194, 0.3199
Android (android.graphics.Color)	4294173162 (0xFFFF3E1EA)
YUV	231.4080, 1.2779, 10.1662
Hunter-Lab	88.7950, 2.8927, 2.7893

Details

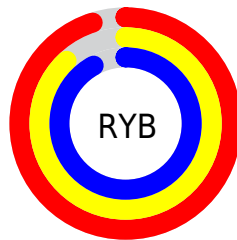
The XYZ color **78.7386, 78.8456, 88.9107** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.9561, 86.0512, 90.3468**, and the grayscale version is **76.2481, 80.2189, 87.3584**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9041, 42.5286, 48.0670** is the 20% darker color. If you saturate the color by 10%, you get **70.9452, 65.9569, 77.9929**, and if you desaturate by 10%, it is **87.5911, 93.6588, 100.7743**.

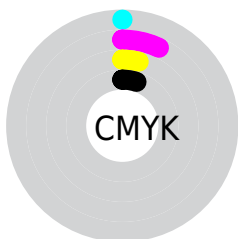
Distribution



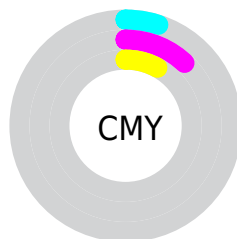
- Red (95%)
- Green (88%)
- Blue (92%)



- Red (95%)
- Yellow (88%)
- Blue (92%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7386, 78.8456, 88.9107 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 78.7386, 78.8456, 88.9107 by changing the saturation by 10% instead.


 78.7386, 78.8456,
88.9107

 78.7386, 78.8456,
88.9107


479.4731,
491.0339, 544.9594

 58.9858, 58.7689,
66.5089


130.5507,
131.7415, 147.7466

 42.8480, 42.4271,
48.2266

163.3406,
165.3294, 185.0179

 29.9599, 29.4359,
33.6451


201.2071,
204.1899, 228.0827

 19.9561, 19.4108,
22.3459

244.5153,
248.7073, 277.3597

 12.4712, 11.9675,
13.9106

293.6306,
299.2659, 333.2673

 7.1399, 6.7215,
7.9204

348.9185,

 3.5969, 3.2886,

356.2503, 396.2241

3.9570

410.7442,
420.0449, 466.6486

■ 1.4767, 1.2842,
1.6018

■ 0.3099, 0.1289,
0.2921

■ 78.7386, 78.8456,
88.9107

■ 78.7386, 78.8456,
88.9107

■ 70.9452, 65.9569,
77.9929

■ 87.5911, 93.6588,
100.7743

■ 64.1626, 54.9028,
67.9902

■ 90.7726, 97.7949,
108.6998

■ 58.3484, 45.6018,
58.8773

■ 53.4547, 37.9618,
50.6257

■ 49.4292, 31.8826,
43.2051

■ 46.2140, 27.2527,
36.5825

■ 43.7437, 23.9461,
30.7224

■ 41.9419, 21.8142,
25.5845

■ 40.7090, 20.6630,
21.1205

Harmonies

Analogous

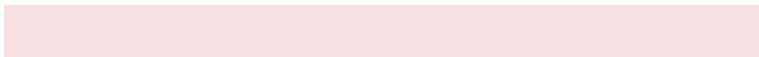
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6802, 78.8456, 94.0684



78.7386, 78.8456, 88.9107



78.7672, 78.8456, 83.1490

Triad

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



78.7386, 78.8456, 88.9107



73.9914, 78.8456, 75.5158



72.1919, 78.8456, 93.8381

Complementary

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



78.7386, 78.8456, 88.9107



77.9561, 86.0512, 90.3468

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.



71.2395, 78.8456, 88.6078



78.7386, 78.8456, 88.9107



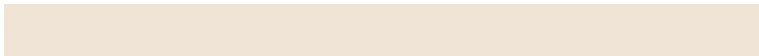
72.2658, 78.8456, 78.1238

Square

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



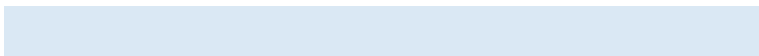
78.7386, 78.8456, 88.9107



76.0018, 78.8456, 75.5887



71.2663, 78.8456, 82.8593



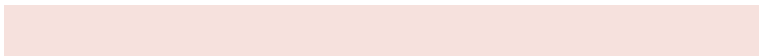
73.8889, 78.8456, 96.9991

Rectangle

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



78.7386, 78.8456, 88.9107



78.1971, 78.8456, 79.7488



71.2663, 78.8456, 82.8593



71.7754, 78.8456, 92.2536

Sweetspot

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



78.7408, 78.8490, 88.9124



93.0366, 96.6259, 106.2165



77.0374, 77.8177, 95.7550



19.9348, 20.7173, 22.7629



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

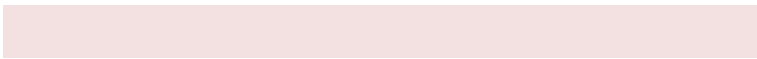
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7408, 78.8490, 88.9124



86.3674, 85.5041, 97.1603



77.4807, 78.3450, 82.2767



16.8446, 16.6207, 18.9284



22.2644, 11.2492, 11.3667



2.0087, 1.0094, 1.2722

Inverse Universe

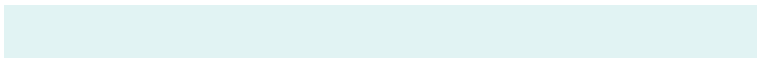
The Inverse Universe completely reimagines the original color for something new.



78.7408, 78.8490, 88.9124



86.3674, 85.5041, 97.1603



79.2819, 86.5815, 97.3283



16.8446, 16.6207, 18.9284



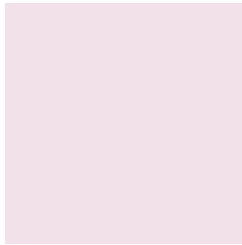
22.2644, 11.2492, 11.3667



2.0087, 1.0094, 1.2722

Previews

White Background



This preview shows how the XYZ color 78.7386, 78.8456, 88.9107 looks on a white background.

Color Contrast Check

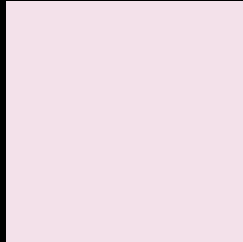
Large Text (above 18pt) WCAG AA × Fail

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 78.7386, 78.8456, 88.9107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

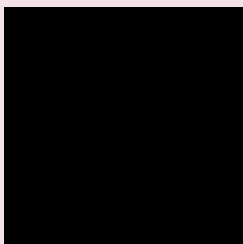
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7386, 78.8456, 88.9107

Background



This preview shows how black text looks on a background with the XYZ color 78.7386, 78.8456, 88.9107.



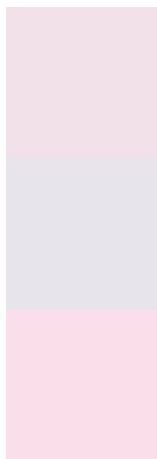
This preview shows how white text looks on a background with the XYZ color 78.7386, 78.8456,

88.9107.

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

78.7386, 78.8456, 88.9107

Protanopia

76.1624, 78.6987, 90.5331

Deuteranopia

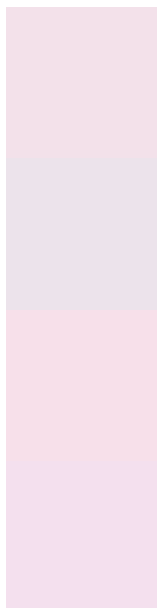
80.6633, 79.0399, 88.8467



Tritanopia

79.8411, 78.8953, 94.2393

Trichromacy



Original Color

78.7386, 78.8456, 88.9107

Protanomaly

77.0566, 78.7692, 89.7399

Deuteranomaly

79.8647, 79.0260, 88.8861

Tritanomaly

79.3965, 78.7175, 91.8983

Monochromacy



Original Color

78.7386, 78.8456, 88.9107

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.8457, 79.5270, 87.6440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7386, 78.8456, 88.9107 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(243, 225, 234) looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 234)  
}
```

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(243, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 234) }
```

Border

The CSS property to change the border of an element to XYZ 78.7386, 78.8456, 88.9107 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(243, 225, 234) }
```


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

```
.border{ border-color:rgb(243, 225, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(243, 225,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7386, 78.8456, 88.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 225, 234) }
```

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

```
.background{ background-color: rgb(243,  
225, 234) }
```

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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