

Converting Colors

XYZ(77.1005, 75.0706, 86.5957)

Have a look what the booklet for
XYZ(77.1005, 75.0706, 86.5957)
contains.

XYZ(77.0345, 74.8644, 86.7340)	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(77.0345, 74.8644,
86.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D9E8
RGB	245, 217, 232
RGB Percent	96%, 85%, 91%
CMY	0.0392, 0.1490, 0.0902
CMYK	0.00, 0.11, 0.05, 0.04
HSL	328°, 58%, 91%
HSV	328°, 11%, 96%
XYZ	77.0345, 74.8644, 86.7340
YIQ	227.0820, 11.8730, 10.6010

Conversions

Conversions Part 2

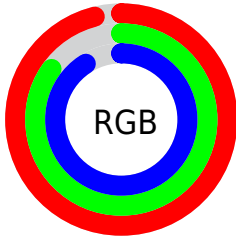
Format	Color
R _Y B	245, 217, 232
Decimal	16112104
CIE Lab	89.33, 12.17, -3.80
CIE LCh	89, 12.751, 342.679
Yxy	74.8644, 0.3228, 0.3137
Android (android.graphics.Color)	4294302184 (0xFFFF5D9E8)
YUV	227.0820, 2.4246, 15.7141
Hunter-Lab	86.5242, 7.5053, 1.1332

Details

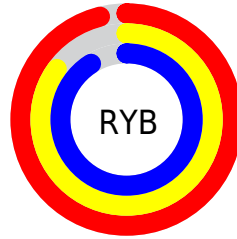
The XYZ color **77.0345, 74.8644, 86.7340** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5535, 85.7716, 87.4405**, and the grayscale version is **73.0520, 76.8564, 83.6966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7431, 39.7941, 46.5552** is the 20% darker color. If you saturate the color by 10%, you get **69.6186, 62.5349, 76.5458**, and if you desaturate by 10%, it is **85.4967, 89.1172, 97.7889**.

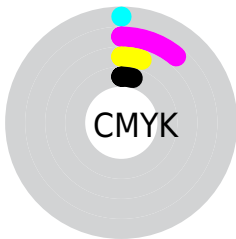
Distribution



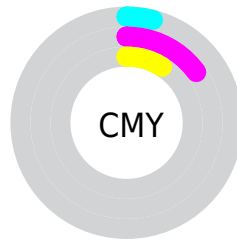
- Red (96%)
- Green (85%)
- Blue (91%)



- Red (96%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0345, 74.8644, 86.7340 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 77.0345, 74.8644, 86.7340 by changing the saturation by 10% instead.


 77.0345, 74.8644,
86.7340

 77.0345, 74.8644,
86.7340


473.7718,
477.4514, 537.6419

 57.5812, 55.5018,
64.7167


128.1608,
126.1204, 144.6889

 41.7140, 39.8036,
46.7815


160.5645,
158.7826, 181.4636

 29.0676, 27.3855,
32.5099


198.0157,
196.6468, 223.9946

 19.2765, 17.8629,
21.4832

240.8797,
240.0973, 272.7004

 11.9754, 10.8516,
13.2830

289.5220,
289.5187, 327.9994

 6.7990, 5.9672,
7.4907

344.3079,

 3.3819, 2.8251,

345.2952, 390.3103

3.6878

405.6027,
407.8113, 460.0516

■ 1.3588, 1.0411,
1.4557

■ 0.2266, 0.0000,
0.1846

■ 77.0345, 74.8644,
86.7340

■ 77.0345, 74.8644,
86.7340

■ 69.6186, 62.5349,
76.5458

■ 85.4967, 89.1172,
97.7889

■ 63.1996, 52.0358,
67.1955

■ 91.4272, 98.1369,
108.5246

■ 57.7333, 43.2810,
58.6594

■ 91.4666, 98.1527,
108.7323

■ 53.1697, 36.1739,
50.9103

■ 49.4538, 30.6080,
43.9195

■ 46.5245, 26.4646,
37.6554

■ 44.3117, 23.6072,
32.0835

■ 42.7316, 21.8719,
27.1638

■ 41.7692, 21.0577,
23.4189

Harmonies

Analogous

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



75.2983, 74.8644, 94.7999



77.0345, 74.8644, 86.7340



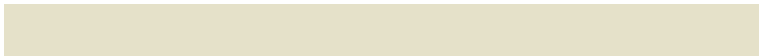
77.1671, 74.8644, 77.8038

Triad

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



77.0345, 74.8644, 86.7340



69.8486, 74.8644, 65.8848



66.8393, 74.8644, 93.7166

Complementary

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



77.0345, 74.8644, 86.7340



75.5535, 85.7716, 87.4405

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.



65.4662, 74.8644, 85.3416



77.0345, 74.8644, 86.7340



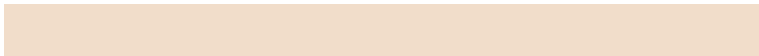
67.1692, 74.8644, 69.5324

Square

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



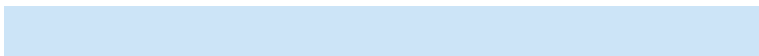
77.0345, 74.8644, 86.7340



72.9562, 74.8644, 66.1976



65.5851, 74.8644, 76.5089



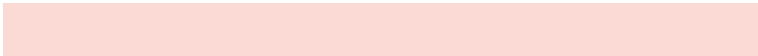
69.3864, 74.8644, 99.0290

Rectangle

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



77.0345, 74.8644, 86.7340



76.3228, 74.8644, 72.5911



65.5851, 74.8644, 76.5089



66.2285, 74.8644, 91.1410

Sweetspot

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



77.0366, 74.8677, 86.7356



92.0912, 94.9891, 105.1182



73.8021, 72.9789, 96.5837



19.5459, 20.0521, 22.2865



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.



77.0366, 74.8677, 86.7356



82.1446, 78.2776, 91.9944



75.1790, 74.1246, 76.9534



16.8702, 16.6309, 19.0632



22.5724, 11.3724, 12.9886



2.0358, 1.0203, 1.4149

Inverse Universe

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



77.0366, 74.8677, 86.7356



82.1446, 78.2776, 91.9944



77.5384, 86.5656, 97.8931



16.8702, 16.6309, 19.0632



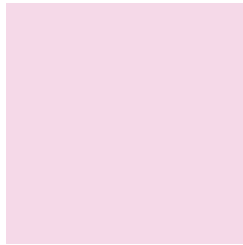
22.5724, 11.3724, 12.9886



2.0358, 1.0203, 1.4149

Previews

White Background



This preview shows how the XYZ color 77.0345, 74.8644, 86.7340 looks on a white background.

Color Contrast Check

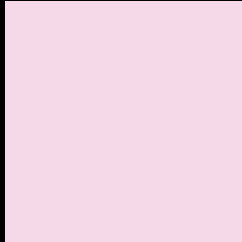
Large Text (above 18pt) WCAG AA × Fail

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 77.0345, 74.8644, 86.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

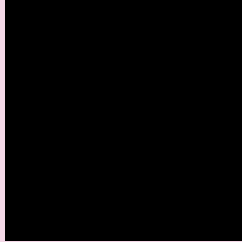
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0345, 74.8644, 86.7340

Background



This preview shows how black text looks on a background with the XYZ color 77.0345, 74.8644, 86.7340.

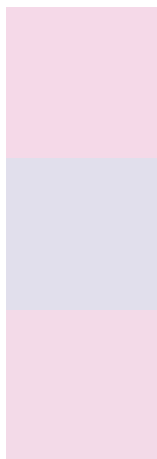


This preview shows how white text looks on a background with the XYZ color 77.0345, 74.8644,

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

77.0345, 74.8644, 86.7340

Protanopia

72.5793, 74.8390, 89.9769

Deuteranopia

76.5990, 75.0237, 86.7877



Tritanopia

77.3203, 74.9787, 88.2390

Trichromacy



Original Color

77.0345, 74.8644, 86.7340

Protanomaly

74.1306, 74.8669, 89.1409

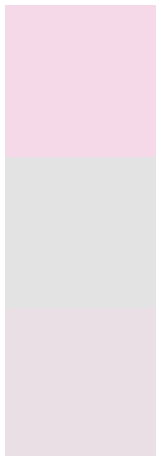
Deuteranomaly

76.9451, 75.2021, 86.8039

Tritanomaly

77.1770, 74.9214, 87.4844

Monochromacy



Original Color

77.0345, 74.8644, 86.7340

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.4622, 75.9249, 84.8591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0345, 74.8644, 86.7340 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(245, 217, 232) looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 232)  
}
```

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(245, 217, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 232) }
```

Border

The CSS property to change the border of an element to XYZ 77.0345, 74.8644, 86.7340 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(245, 217, 232) }
```


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

```
.border{ border-color:rgb(245, 217, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 217, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 232);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0345, 74.8644, 86.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 232) }
```

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

```
.background{ background-color: rgb(245,  
217, 232) }
```

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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