

Converting Colors

XYZ(77.8626, 72.0654, 85.8452)

Have a look what the booklet for
XYZ(77.8626, 72.0654, 85.8452)
contains.

XYZ(77.9944, 72.0088, 86.1323)	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(77.9944, 72.0088,
86.1323)**

Conversions

Conversions Part 1

Format	Color
Hex	FED0E8
RGB	254, 208, 232
RGB Percent	100%, 82%, 91%
CMY	0.0039, 0.1843, 0.0902
CMYK	0.00, 0.18, 0.09, 0.00
HSL	329°, 96%, 91%
HSV	329°, 18%, 100%
XYZ	77.9944, 72.0088, 86.1323
YIQ	224.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

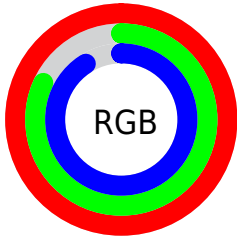
Format	Color
RYB	254, 208, 232
Decimal	16699624
CIELab	87.97, 19.95, -5.71
CIElCh	88, 20.748, 344.039
Yxy	72.0088, 0.3303, 0.3049
Android (android.graphics.Color)	4294889704 (0xFFFE0E8)
YUV	224.4900, 3.7024, 25.8803
Hunter-Lab	84.8580, 15.5608, -0.7798

Details

The XYZ color **77.9944, 72.0088, 86.1323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7400, 90.0086, 88.2486**, and the grayscale version is **71.1683, 74.8746, 81.5384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2537, 37.7874, 46.1410** is the 20% darker color. If you saturate the color by 10%, you get **70.6245, 59.9351, 75.4540**, and if you desaturate by 10%, it is **86.4795, 86.1199, 97.7726**.

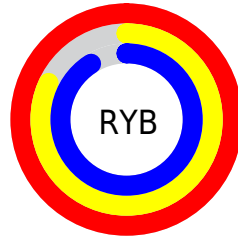
Distribution



Red (100%)

Green (82%)

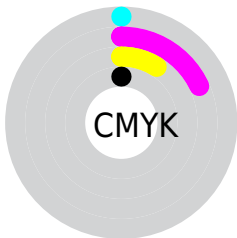
Blue (91%)



Red (100%)

Yellow (82%)

Blue (91%)

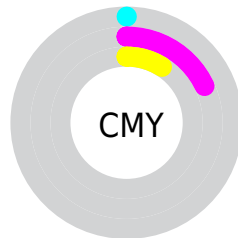


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.9944, 72.0088, 86.1323 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 77.9944, 72.0088, 86.1323 by changing the saturation by 10% instead.


 77.9944, 72.0088,
86.1323

 77.9944, 72.0088,
86.1323


476.9879,
467.5722, 535.6093

 58.3721, 53.1659,
64.2219

129.5076,
122.0690, 143.8423

 42.3523, 37.9352,
46.3831


162.1293,
154.0551, 180.4789

 29.5696, 25.9324,
32.1974


199.8149,
191.1911, 222.8613

 19.6586, 16.7731,
21.2462

242.9296,
233.8613, 271.4081

 12.2539, 10.0728,
13.1111

291.8390,
282.4501, 326.5377

 6.9903, 5.4473,
7.3735

346.9082,

 3.5023, 2.5120,

337.3419, 388.6688

3.6148

408.5027,
398.9212, 458.2198

■ 1.4246, 0.8826,
1.4165

■ 0.2737, 0.0000,
0.1545

■ 77.9944, 72.0088,
86.1323

■ 77.9944, 72.0088,
86.1323

■ 70.6245, 59.9351,
75.4540

■ 86.4795, 86.1199,
97.7726

■ 64.3140, 49.7942,
65.7049

94.6834, 99.8110,
108.8828

■ 59.0115, 41.4862,
56.8564

■ 54.6589, 34.8987,
48.8766

■ 51.1914, 29.9068,
41.7308

■ 48.5359, 26.3682,
35.3812

■ 46.6061, 24.1153,
29.7850

■ 45.2854, 22.9192,
24.8884

■ 45.0734, 22.7510,
24.0294

Harmonies

Analogous

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



75.2651, 72.0088, 99.6492



77.9944, 72.0088, 86.1323



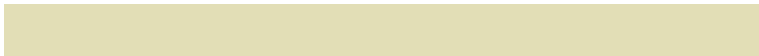
78.0845, 72.0088, 71.9850

Triad

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



77.9944, 72.0088, 86.1323



66.1621, 72.0088, 54.8490



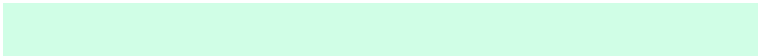
61.8337, 72.0088, 98.8934

Complementary

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



77.9944, 72.0088, 86.1323



75.7400, 90.0086, 88.2486

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.



59.6283, 72.0088, 85.1965



77.9944, 72.0088, 86.1323



62.0446, 72.0088, 60.4181

Square

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



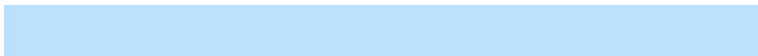
77.9944, 72.0088, 86.1323



71.0896, 72.0088, 55.0355



59.7036, 72.0088, 71.1549



65.8614, 72.0088, 107.6005

Rectangle

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



77.9944, 72.0088, 86.1323



76.6253, 72.0088, 64.1325



59.7036, 72.0088, 71.1549



60.8635, 72.0088, 94.6527

Sweetspot

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



77.9965, 72.0120, 86.1338



90.1501, 91.7466, 102.4995



72.9103, 69.0060, 103.2435



19.1535, 19.3986, 21.7509



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.



77.9965, 72.0120, 86.1338



75.6672, 67.6716, 82.5943



75.0063, 70.8159, 70.3878



18.4052, 18.1454, 20.7509



23.8381, 12.0245, 13.0639



2.3763, 1.1929, 1.5629

Inverse Universe

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



77.9965, 72.0120, 86.1338



75.6672, 67.6716, 82.5943



79.1012, 91.3531, 105.9485



18.4052, 18.1454, 20.7509



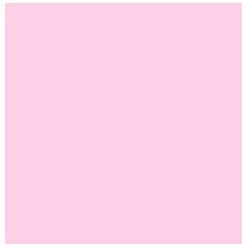
23.8381, 12.0245, 13.0639



2.3763, 1.1929, 1.5629

Previews

White Background



This preview shows how the XYZ color 77.9944, 72.0088, 86.1323 looks on a white background.

Color Contrast Check

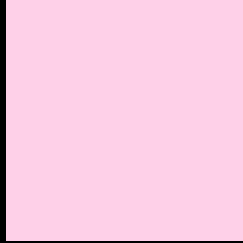
Large Text (above 18pt) WCAG AA × Fail

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 77.9944, 72.0088, 86.1323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

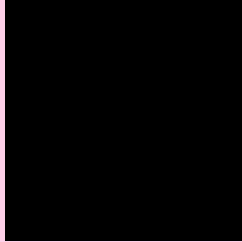
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9944, 72.0088, 86.1323

Background



This preview shows how black text looks on a background with the XYZ color 77.9944, 72.0088, 86.1323.



This preview shows how white text looks on a background with the XYZ color 77.9944, 72.0088,

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

77.9944, 72.0088, 86.1323

Protanopia

70.4267, 72.1107, 91.8682

Deuteranopia

73.7303, 72.0398, 85.6204



Tritanopia

76.8991, 71.9198, 81.0631

Trichromacy



Original Color

77.9944, 72.0088, 86.1323

Protanomaly

72.7195, 71.8128, 89.3854

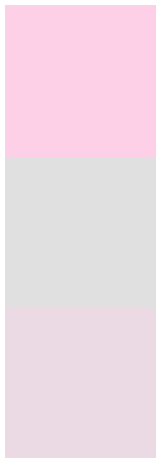
Deuteranomaly

75.2755, 72.0896, 85.5485

Tritanomaly

77.3121, 72.0850, 83.2378

Monochromacy



Original Color

77.9944, 72.0088, 86.1323

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.1975, 73.3510, 82.9733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9944, 72.0088, 86.1323 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(254, 208, 232)` looks like.

```
.text, #text, p{  
    color:rgb(254, 208, 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(254, 208, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 208, 232) }
```

Border

The CSS property to change the border of an element to XYZ 77.9944, 72.0088, 86.1323 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(254, 208, 232) }
```


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

```
.border{ border-color:rgb(254, 208, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 208, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 208, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 208, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 208,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9944, 72.0088, 86.1323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 208, 232) }
```

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

```
.background{ background-color: rgb(254,  
208, 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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