

Converting Colors

XYZ(77.1657, 71.2043, 86.7675)

Have a look what the booklet for
XYZ(77.1657, 71.2043, 86.7675)
contains.

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Color

**XYZ(77.1657, 71.2043,
86.7675)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCFE9
RGB	252, 207, 233
RGB Percent	99%, 81%, 91%
CMY	0.0118, 0.1882, 0.0863
CMYK	0.00, 0.18, 0.08, 0.01
HSL	325°, 88%, 90%
HSV	325°, 18%, 99%
XYZ	77.1657, 71.2043, 86.7675
YIQ	223.4190, 18.4740, 17.6260

Conversions

Conversions Part 2

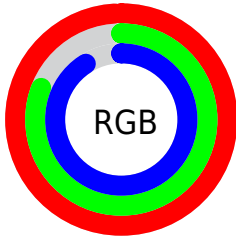
Format	Color
R _Y B	252, 207, 233
Decimal	16568297
CIE Lab	87.58, 19.96, -6.83
CIE LCh	88, 21.095, 341.112
Yxy	71.2043, 0.3282, 0.3028
Android (android.graphics.Color)	4294758377 (0xFFFCCE9)
YUV	223.4190, 4.7234, 25.0655
Hunter-Lab	84.3826, 15.5639, -1.8978

Details

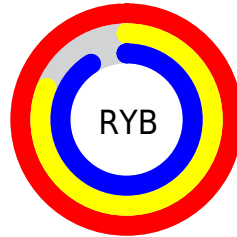
The XYZ color **77.1657, 71.2043, 86.7675** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.2728, 88.3792, 85.1000**, and the grayscale version is **70.3972, 74.0633, 80.6549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6697, 37.2329, 46.5854** is the 20% darker color. If you saturate the color by 10%, you get **70.0667, 59.3653, 77.1264**, and if you desaturate by 10%, it is **85.3349, 85.0349, 97.2193**.

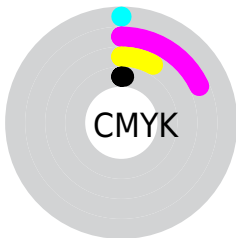
Distribution



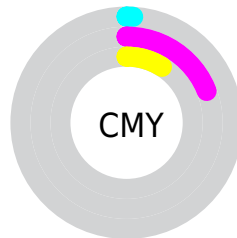
- Red (99%)
- Green (81%)
- Blue (91%)



- Red (99%)
- Yellow (81%)
- Blue (91%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (1%)





- Cyan (1%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.1657, 71.2043, 86.7675 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 77.1657, 71.2043, 86.7675 by changing the saturation by 10% instead.


 77.1657, 71.2043,
86.7675

 77.1657, 71.2043,
86.7675


474.2121,
464.7673, 537.7549

 57.6893, 52.5089,
64.7443


128.3450,
120.9246, 144.7360

 41.8012, 37.4109,
46.8037


160.7785,
152.7183, 181.5184

 29.1361, 25.5258,
32.5273


198.2618,
189.6469, 224.0577

 19.3286, 16.4692,
21.4964

241.1602,
232.0948, 272.7723

 12.0134, 9.8568,
13.2926

289.8391,
280.4464, 328.0807

 6.8250, 5.3041,
7.4972

344.6638,

 3.3983, 2.4268,

335.0861, 390.4016

3.6918

405.9997,
396.3983, 460.1535

■ 1.3677, 0.8396,
1.4579

■ 0.2330, 0.0000,
0.1862

■ 77.1657, 71.2043,
86.7675

■ 77.1657, 71.2043,
86.7675

■ 70.0667, 59.3653,
77.1264

■ 85.3349, 85.0349,
97.2193

■ 63.9839, 49.4157,
68.2676

■ 93.8402, 99.3896,
108.2424

■ 58.8680, 41.2581,
60.1674

■ 93.9553, 99.4357,
108.8488

■ 54.6627, 34.7830,
52.7986

■ 51.3056, 29.8683,
46.1320

■ 48.7260, 26.3756,
40.1351

■ 46.8409, 24.1415,
34.7710

■ 45.5392, 22.9471,
29.9931

■ 45.3018, 22.7583,
29.0324

Harmonies

Analogous

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



74.1832, 71.2043, 100.1253



77.1657, 71.2043, 86.7675



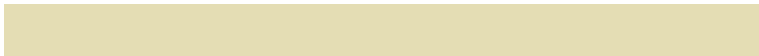
77.5338, 71.2043, 72.3542

Triad

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



77.1657, 71.2043, 86.7675



65.8455, 71.2043, 53.5750



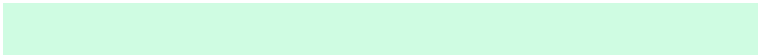
60.7042, 71.2043, 97.0333

Complementary

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



77.1657, 71.2043, 86.7675



74.2728, 88.3792, 85.1000

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.



58.6942, 71.2043, 82.9456



77.1657, 71.2043, 86.7675



61.5638, 71.2043, 58.6177

Square

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



77.1657, 71.2043, 86.7675



70.8307, 71.2043, 54.3322



59.0009, 71.2043, 68.9714



64.6194, 71.2043, 106.5367

Rectangle

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



77.1657, 71.2043, 86.7675



76.2273, 71.2043, 64.1824



59.0009, 71.2043, 68.9714



59.7922, 71.2043, 92.6092

Sweetspot

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



77.1678, 71.2075, 86.7690



90.2618, 91.7913, 103.0874



71.1721, 67.7859, 101.4293



19.1807, 19.4095, 21.8938



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.



77.1678, 71.2075, 86.7690



76.8523, 69.0917, 85.9185



74.1868, 70.0151, 71.0716



17.6650, 17.3934, 20.0919



23.6732, 11.8850, 15.5196



2.2455, 1.1219, 1.7163

Inverse Universe

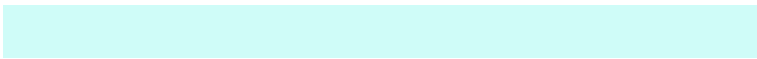
The Inverse Universe completely reimagines the original color for something new.



77.1678, 71.2075, 86.7690



76.8523, 69.0917, 85.9185



77.5269, 89.6808, 102.2358



17.6650, 17.3934, 20.0919



23.6732, 11.8850, 15.5196



2.2455, 1.1219, 1.7163

Previews

White Background



This preview shows how the XYZ color 77.1657, 71.2043, 86.7675 looks on a white background.

Color Contrast Check

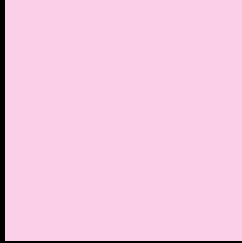
Large Text (above 18pt) WCAG AA × Fail

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 77.1657, 71.2043, 86.7675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

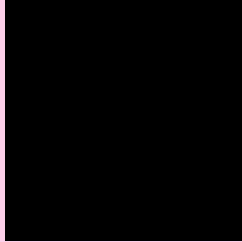
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1657, 71.2043, 86.7675

Background



This preview shows how black text looks on a background with the XYZ color 77.1657, 71.2043, 86.7675.



This preview shows how white text looks on a background with the XYZ color 77.1657, 71.2043,

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

77.1657, 71.2043, 86.7675

Protanopia

69.7130, 71.3395, 92.5337

Deuteranopia

72.9518, 71.2476, 86.2511



Tritanopia

75.9301, 71.0572, 80.9476

Trichromacy



Original Color

77.1657, 71.2043, 86.7675

Protanomaly

71.9658, 71.0306, 90.0380

Deuteranomaly

74.4777, 71.2920, 86.1793

Tritanomaly

76.3431, 71.2224, 83.1224

Monochromacy



Original Color

77.1657, 71.2043, 86.7675

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.6097, 72.6642, 82.8717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1657, 71.2043, 86.7675 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(252, 207, 233)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 233)  
}
```

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(252, 207, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 233) }
```

Border

The CSS property to change the border of an element to XYZ 77.1657, 71.2043, 86.7675 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(252, 207, 233) }
```


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

```
.border{ border-color:rgb(252, 207, 233) }
```

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

Here you see how a box with a 4 pixel rgb(252, 207, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 233);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1657, 71.2043, 86.7675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 233) }
```

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

```
.background{ background-color: rgb(252,  
207, 233) }
```

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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