

Converting Colors

XYZ(75.3786, 70.2830, 86.6839)

Have a look what the booklet for
XYZ(75.3786, 70.2830, 86.6839)
contains.

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Color

**XYZ(75.3786, 70.2830,
86.6839)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CFE9
RGB	247, 207, 233
RGB Percent	97%, 81%, 91%
CMY	0.0314, 0.1882, 0.0863
CMYK	0.00, 0.16, 0.06, 0.03
HSL	321°, 71%, 89%
HSV	321°, 16%, 97%
XYZ	75.3786, 70.2830, 86.6839
YIQ	221.9240, 15.4940, 16.5660

Conversions

Conversions Part 2

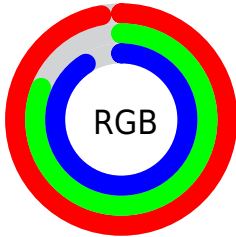
Format	Color
R_{YB}	247, 207, 233
Decimal	16240617
CIE _{Lab}	87.14, 18.26, -7.54
CIE _{LCh}	87, 19.761, 337.560
Yxy	70.2830, 0.3244, 0.3025
Android (android.graphics.Color)	4294430697 (0xFFFF7CFE9)
YUV	221.9240, 5.4605, 21.9917
Hunter-Lab	83.8350, 13.7837, -2.6204

Details

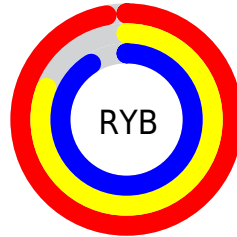
The XYZ color **75.3786, 70.2830, 86.6839** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.0468, 85.0094, 81.0218**, and the grayscale version is **69.3343, 72.9451, 79.4372**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5622, 36.9039, 46.5803** is the 20% darker color. If you saturate the color by 10%, you get **68.6517, 58.7567, 78.4968**, and if you desaturate by 10%, it is **83.1062, 83.7118, 95.5048**.

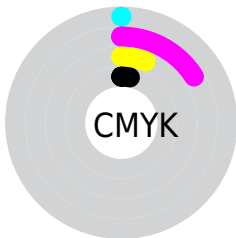
Distribution



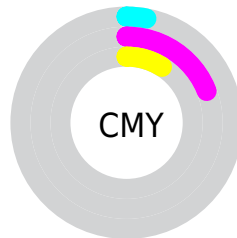
- Red (97%)
- Green (81%)
- Blue (91%)



- Red (97%)
- Yellow (81%)
- Blue (91%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3786, 70.2830, 86.6839 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 75.3786, 70.2830, 86.6839 by changing the saturation by 10% instead.


 75.3786, 70.2830,
86.6839

 75.3786, 70.2830,
86.6839


468.1950,
461.5430, 537.4728

 56.2184, 51.7573,
64.6755


125.8332,
119.6122, 144.6184

 40.6157, 36.8116,
46.7483

157.8583,
151.1846, 181.3817

 28.2053, 25.0617,
32.4838

194.9023,
187.8745, 223.9003

 18.6217, 16.1230,
21.4635

237.3307,
230.0666, 272.5928

 11.4996, 9.6112,
13.2687

285.5089,
278.1450, 327.8778

 6.4737, 5.1420,
7.4809

339.8020,

 3.1786, 2.3308,

332.4943, 390.1738

3.6817

400.5756,
393.4989, 459.8993

■ 1.2489, 0.7899,
1.4524

■ 0.1445, 0.0000,
0.1821

■ 75.3786, 70.2830,
86.6839

■ 75.3786, 70.2830,
86.6839

■ 68.6517, 58.7567,
78.4968

■ 83.1062, 83.7118,
95.5048

■ 62.8750, 49.0366,
70.9201

■ 91.4196, 98.2150,
104.8229

■ 58.0031, 41.0316,
63.9349

■ 92.1683, 98.5144,
108.7651

■ 53.9838, 34.6394,
57.5197

■ 50.7596, 29.7462,
51.6506

■ 48.2656, 26.2237,
46.3013

■ 46.4258, 23.9215,
41.4419

■ 45.1461, 22.6529,
37.0361

■ 44.7509, 22.3315,
35.4583

Harmonies

Analogous

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



72.3808, 70.2830, 98.5847



75.3786, 70.2830, 86.6839



76.0276, 70.2830, 73.2186

Triad

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



75.3786, 70.2830, 86.6839



65.6367, 70.2830, 53.9190



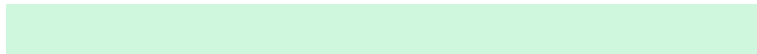
59.9860, 70.2830, 93.1560

Complementary

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



75.3786, 70.2830, 86.6839



72.0468, 85.0094, 81.0218

Split Complementary

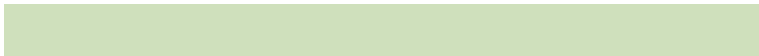
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.3544, 70.2830, 79.9321



75.3786, 70.2830, 86.6839



61.5173, 70.2830, 58.0311

Square

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



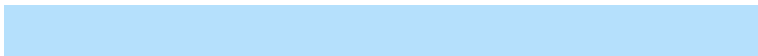
75.3786, 70.2830, 86.6839



70.2604, 70.2830, 55.2844



58.9017, 70.2830, 67.1948



63.4588, 70.2830, 102.6122

Rectangle

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



75.3786, 70.2830, 86.6839



75.0147, 70.2830, 65.3186



58.9017, 70.2830, 67.1948



59.2115, 70.2830, 88.9477

Sweetspot

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



75.3806, 70.2861, 86.6854



90.4063, 91.8491, 103.8483



68.9230, 66.7167, 97.2418



19.2158, 19.4235, 22.0789



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.



75.3806, 70.2861, 86.6854



78.8825, 71.8433, 90.6298



72.6834, 69.2072, 72.4817



16.9529, 16.6640, 19.4985



23.7368, 11.8381, 19.1200



2.1348, 1.0599, 1.9360

Inverse Universe

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



75.3806, 70.2861, 86.6854



78.8825, 71.8433, 90.6298



74.8724, 86.1396, 95.9011



16.9529, 16.6640, 19.4985



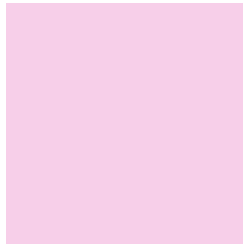
23.7368, 11.8381, 19.1200



2.1348, 1.0599, 1.9360

Previews

White Background



This preview shows how the XYZ color 75.3786, 70.2830, 86.6839 looks on a white background.

Color Contrast Check

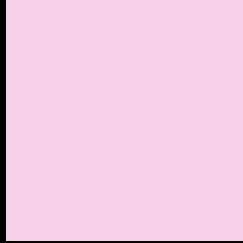
Large Text (above 18pt) WCAG AA × Fail

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 75.3786, 70.2830, 86.6839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

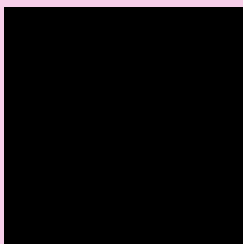
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3786, 70.2830, 86.6839

Background



This preview shows how black text looks on a background with the XYZ color 75.3786, 70.2830, 86.6839.



This preview shows how white text looks on a background with the XYZ color 75.3786, 70.2830,

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

75.3786, 70.2830, 86.6839

Protanopia

68.7117, 70.4566, 91.6393

Deuteranopia

72.0407, 70.4056, 86.1366



Tritanopia

74.1525, 70.1408, 80.8644

Trichromacy



Original Color

75.3786, 70.2830, 86.6839

Protanomaly

70.7589, 70.0338, 89.9092

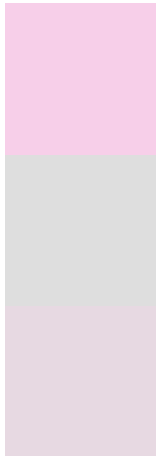
Deuteranomaly

73.2087, 70.2701, 86.0489

Tritanomaly

74.5655, 70.3060, 83.0392

Monochromacy



Original Color

75.3786, 70.2830, 86.6839

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.4953, 72.1056, 82.1011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3786, 70.2830, 86.6839 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(247, 207, 233)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 207, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 207, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.3786, 70.2830, 86.6839 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(247, 207, 233) }
```


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

```
.border{ border-color:rgb(247, 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(247, 207, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 207, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 207, 233);  
box-shadow:4px 4px 4px 4px rgb(247, 207,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3786, 70.2830, 86.6839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 207, 233) }
```

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

```
.background{ background-color: rgb(247,  
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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