

Converting Colors

XYZ(76.7012, 71.0937, 87.7662)

Have a look what the booklet for
XYZ(76.7012, 71.0937, 87.7662)
contains.

XYZ(76.5884, 70.8902, 87.4884)	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(76.5884, 70.8902,
87.4884)**

Conversions

Conversions Part 1

Format	Color
Hex	FACFEA
RGB	250, 207, 234
RGB Percent	98%, 81%, 92%
CMY	0.0196, 0.1882, 0.0823
CMYK	0.00, 0.17, 0.06, 0.02
HSL	322°, 81%, 90%
HSV	322°, 17%, 98%
XYZ	76.5884, 70.8902, 87.4884
YIQ	222.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

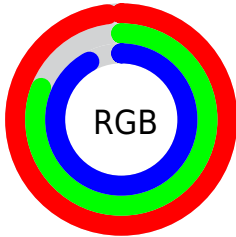
Format	Color
R_{YB}	250, 207, 234
Decimal	16437226
CIE _{Lab}	87.43, 19.45, -7.60
CIE _{LCh}	87, 20.884, 338.647
Yxy	70.8902, 0.3260, 0.3017
Android (android.graphics.Color)	4294627306 (0xFFFA _C FEA)
YUV	222.9350, 5.4550, 23.7360
Hunter-Lab	84.1963, 15.0273, -2.6708

Details

The XYZ color **76.5884, 70.8902, 87.4884** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.2398, 86.9661, 82.7421**, and the grayscale version is **70.0489, 73.6969, 80.2560**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2564, 37.0083, 47.0883** is the 20% darker color. If you saturate the color by 10%, you get **69.7033, 59.2023, 78.7718**, and if you desaturate by 10%, it is **84.5068, 84.5303, 96.8974**.

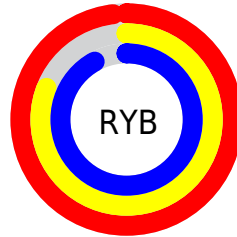
Distribution



Red (98%)

Green (81%)

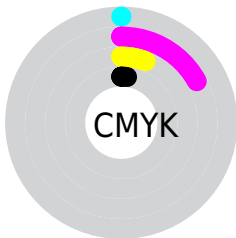
Blue (92%)



Red (98%)

Yellow (81%)

Blue (92%)

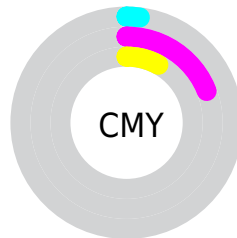


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (2%)



Cyan (2%)


Magenta (19%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5884, 70.8902, 87.4884 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 76.5884, 70.8902, 87.4884 by changing the saturation by 10% instead.


 76.5884, 70.8902,
87.4884

 76.5884, 70.8902,
87.4884


472.2730,
463.6695, 540.1842

 57.2139, 52.2526,
65.3375


127.5342,
120.4774, 145.7496

 41.4178, 37.2065,
47.2817

159.8362,
152.1957, 182.6969

 28.8348, 25.3674,
32.9025


197.1781,
189.0431, 225.4135

 19.0995, 16.3510,
21.7813

239.9252,
231.4040, 274.3179

 11.8466, 9.7729,
13.4995

288.4429,
279.6626, 329.8287

 6.7108, 5.2486,
7.6386

343.0965,

 3.3266, 2.3939,

334.2035, 392.3643

3.7802

404.2514,
395.4110, 462.3433

■ 1.3287, 0.8227,
1.5055

■ 0.2046, 0.0000,
0.2220

■ 76.5884, 70.8902,
87.4884

■ 76.5884, 70.8902,
87.4884

■ 69.7033, 59.2023,
78.7718

■ 84.5068, 84.5303,
96.8974

■ 63.7992, 49.3667,
70.7224

■ 92.8519, 98.9111,
106.7992

■ 58.8284, 41.2889,
63.3197

■ 93.2347, 99.0642,
108.8150

■ 54.7368, 34.8623,
56.5403

■ 51.4641, 29.9683,
50.3583

■ 48.9422, 26.4726,
44.7453

■ 47.0914, 24.2175,
39.6687

■ 45.8088, 22.9995,
35.0881

■ 45.5078, 22.7574,
33.8781

Harmonies

Analogous

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



73.4673, 70.8902, 100.3633



76.5884, 70.8902, 87.4884



77.1806, 70.8902, 73.1814

Triad

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



76.5884, 70.8902, 87.4884



65.9653, 70.8902, 53.3614



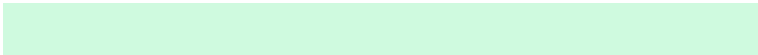
60.2509, 70.8902, 95.3925

Complementary

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



76.5884, 70.8902, 87.4884



73.2398, 86.9661, 82.7421

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.



58.4445, 70.8902, 81.3370



76.5884, 70.8902, 87.4884



61.6367, 70.8902, 57.8858

Square

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



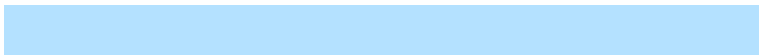
76.5884, 70.8902, 87.4884



70.8859, 70.8902, 54.5850



58.9391, 70.8902, 67.7284



63.9898, 70.8902, 105.2994

Rectangle

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



76.5884, 70.8902, 87.4884



76.0352, 70.8902, 64.9025



58.9391, 70.8902, 67.7284



59.4061, 70.8902, 90.9321

Sweetspot

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



76.5905, 70.8933, 87.4899



90.3620, 91.8313, 103.6152



69.9306, 67.1823, 99.7251



19.2050, 19.4192, 22.0222



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.



76.5905, 70.8933, 87.4899



77.2376, 69.2458, 87.9471



73.7161, 69.7436, 72.3536



17.7031, 17.4086, 20.2921



24.2105, 12.0999, 18.3487



2.2936, 1.1412, 1.9693

Inverse Universe

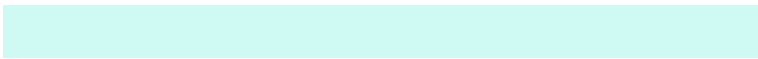
The Inverse Universe completely reimagines the original color for something new.



76.5905, 70.8933, 87.4899



77.2376, 69.2458, 87.9471



76.2897, 88.1861, 98.8025



17.7031, 17.4086, 20.2921



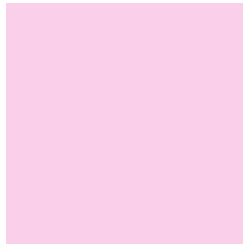
24.2105, 12.0999, 18.3487



2.2936, 1.1412, 1.9693

Previews

White Background



This preview shows how the XYZ color 76.5884, 70.8902, 87.4884 looks on a white background.

Color Contrast Check

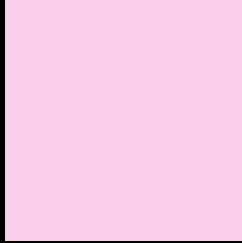
Large Text (above 18pt) WCAG AA × Fail

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 76.5884, 70.8902, 87.4884 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 76.5884, 70.8902, 87.4884

Background



This preview shows how black text looks on a background with the XYZ color 76.5884, 70.8902, 87.4884.



This preview shows how white text looks on a background with the XYZ color 76.5884, 70.8902,

87.4884.

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

76.5884, 70.8902, 87.4884

Protanopia

69.5639, 71.2454, 93.3044

Deuteranopia

72.4339, 70.9641, 86.9706



Tritanopia

75.4580, 71.1769, 80.9956

Trichromacy



Original Color

76.5884, 70.8902, 87.4884

Protanomaly

71.7923, 70.9242, 90.7948

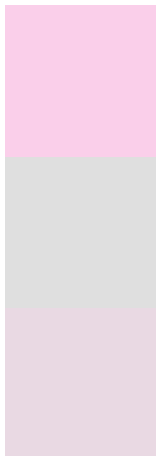
Deuteranomaly

73.9374, 70.9970, 86.8977

Tritanomaly

75.6264, 70.8529, 83.0888

Monochromacy



Original Color

76.5884, 70.8902, 87.4884

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.2823, 72.4954, 82.8564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5884, 70.8902, 87.4884 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(250, 207, 234)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 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(250, 207, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 234) }
```

Border

The CSS property to change the border of an element to XYZ 76.5884, 70.8902, 87.4884 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(250, 207, 234) }
```


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

```
.border{ border-color:rgb(250, 207, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 207, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 234);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5884, 70.8902, 87.4884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 234) }
```

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

```
.background{ background-color: rgb(250,  
207, 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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