

Converting Colors

XYZ(78.8061, 71.6118, 82.2204)

Have a look what the booklet for
XYZ(78.8061, 71.6118, 82.2204)
contains.

XYZ(77.1764, 70.9487, 82.2999)	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(77.1764, 70.9487,
82.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEE3
RGB	255, 206, 227
RGB Percent	100%, 81%, 89%
CMY	0.0000, 0.1921, 0.1098
CMYK	0.00, 0.19, 0.11, 0.00
HSL	334°, 100%, 90%
HSV	334°, 19%, 100%
XYZ	77.1764, 70.9487, 82.2999
YIQ	223.0450, 22.4630, 16.9190

Conversions

Conversions Part 2

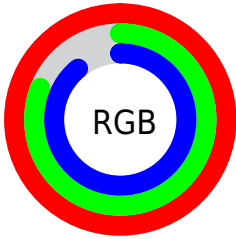
Format	Color
R _Y B	255, 206, 227
Decimal	16764643
CIE Lab	87.46, 20.52, -3.80
CIE LCh	87, 20.866, 349.495
Yxy	70.9487, 0.3349, 0.3079
Android (android.graphics.Color)	4294954723 (0xFFFFCEE3)
YUV	223.0450, 1.9498, 28.0245
Hunter-Lab	84.2311, 16.1456, 1.0311

Details

The XYZ color **77.1764, 70.9487, 82.2999** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0673, 90.5835, 91.3207**, and the grayscale version is **70.1482, 73.8013, 80.3697**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9633, 37.4408, 44.0448** is the 20% darker color. If you saturate the color by 10%, you get **69.6015, 58.8824, 70.2684**, and if you desaturate by 10%, it is **85.9209, 85.0808, 95.5630**.

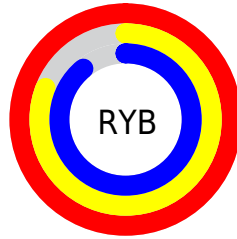
Distribution



Red (100%)

Green (81%)

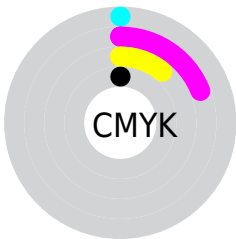
Blue (89%)



Red (100%)

Yellow (81%)

Blue (89%)

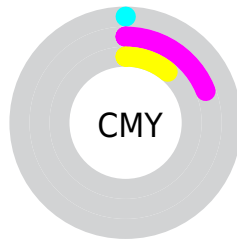


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1764, 70.9487, 82.2999 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 77.1764, 70.9487, 82.2999 by changing the saturation by 10% instead.

77.1764, 70.9487,
82.2999

77.1764, 70.9487,
82.2999

474.2480,
463.8741, 522.5600

57.6981, 52.3003,
61.0755

128.3600,
120.5607, 138.4349

41.8083, 37.2445,
43.8552

160.7960,
152.2931, 174.1827

29.1417, 25.3969,
30.2203

198.2819,
189.1556, 215.6086

19.3328, 16.3730,
19.7524

241.1831,
231.5327, 263.1312

12.0165, 9.7885,
12.0329

289.8650,
279.8087, 317.1692

6.8272, 5.2589,
6.6433

344.6928,

3.3996, 2.4000,

334.3680, 378.1409

3.1650

406.0320,
395.5950, 446.4650

■ 1.3684, 0.8259,
1.1795

■ 0.2336, 0.0000,
0.0000

■ 77.1764, 70.9487,
82.2999

■ 77.1764, 70.9487,
82.2999

■ 69.6015, 58.8824,
70.2684

■ 85.9209, 85.0808,
95.5630

■ 63.1388, 48.7753,
59.4260

95.0500, 100.0000,
108.9000

■ 57.7339, 40.5249,
49.7340

■ 53.3253, 34.0156,
41.1493

■ 49.8448, 29.1187,
33.6258

■ 47.2151, 25.6874,
27.1132

■ 45.3449, 23.5478,
21.5552

■ 44.0992, 22.4385,
16.8791

■ 44.0151, 22.3701,
16.5436

Harmonies

Analogous

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



74.8909, 70.9487, 96.2306



77.1764, 70.9487, 82.2999



76.7570, 70.9487, 68.5528

Triad

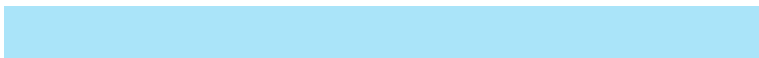
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1764, 70.9487, 82.2999



64.3248, 70.9487, 54.4104



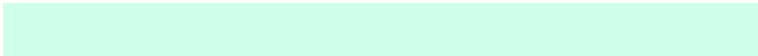
61.4714, 70.9487, 99.7510

Complementary

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



77.1764, 70.9487, 82.2999



76.0673, 90.5835, 91.3207

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.



58.8993, 70.9487, 86.6557



77.1764, 70.9487, 82.2999



60.4904, 70.9487, 60.9472

Square

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



77.1764, 70.9487, 82.2999



69.1752, 70.9487, 53.5445



58.5492, 70.9487, 72.4131



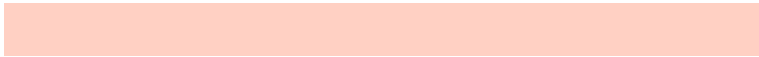
65.7235, 70.9487, 107.0889

Rectangle

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



77.1764, 70.9487, 82.2999



75.0061, 70.9487, 61.2604



58.5492, 70.9487, 72.4131



60.3907, 70.9487, 95.8072

Sweetspot

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



77.1781, 70.9517, 82.3014



88.9858, 90.0733, 100.0911



73.9788, 68.8190, 103.9920



18.9111, 19.0583, 21.2243



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

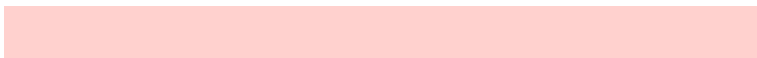
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1781, 70.9517, 82.3014



74.1746, 66.1442, 77.6023



75.2487, 71.4513, 68.2219



18.3325, 18.1163, 20.3680



23.0701, 11.7173, 9.0196



2.2997, 1.1622, 1.1595

Inverse Universe

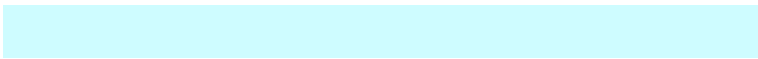
The Inverse Universe completely reimagines the original color for something new.



77.1781, 70.9517, 82.3014



74.1746, 66.1442, 77.6023



78.2322, 89.7964, 107.8169



18.3325, 18.1163, 20.3680



23.0701, 11.7173, 9.0196



2.2997, 1.1622, 1.1595

Previews

White Background



This preview shows how the XYZ color 77.1764, 70.9487, 82.2999 looks on a white background.

Color Contrast Check

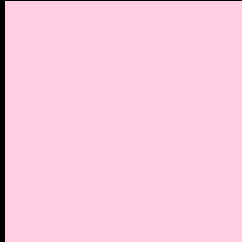
Large Text (above 18pt) WCAG AA × Fail

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 77.1764, 70.9487, 82.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

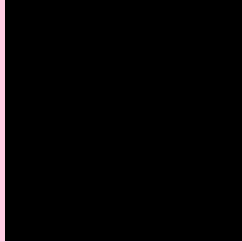
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1764, 70.9487, 82.2999

Background



This preview shows how black text looks on a background with the XYZ color 77.1764, 70.9487, 82.2999.



This preview shows how white text looks on a background with the XYZ color 77.1764, 70.9487,

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

77.1764, 70.9487, 82.2999

Protanopia

69.1361, 71.1434, 87.9301

Deuteranopia

72.7816, 71.2566, 81.8694



Tritanopia

76.5052, 71.0242, 79.4888

Trichromacy



Original Color

77.1764, 70.9487, 82.2999

Protanomaly

71.7491, 71.0185, 85.5277

Deuteranomaly

74.0823, 70.8173, 81.7160

Tritanomaly

76.6404, 71.0783, 80.2011

Monochromacy



Original Color

77.1764, 70.9487, 82.2999

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.5283, 72.6697, 80.7250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1764, 70.9487, 82.2999 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(255, 206, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 227)  
}
```

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(255, 206, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 227) }
```

Border

The CSS property to change the border of an element to XYZ 77.1764, 70.9487, 82.2999 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(255, 206, 227) }
```


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

```
.border{ border-color:rgb(255, 206, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 206, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 206, 227); box-shadow:4px 4px 4px 4px rgb(255, 206, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1764, 70.9487, 82.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 227) }
```

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

```
.background{ background-color: rgb(255,  
206, 227) }
```

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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