

Converting Colors

XYZ(75.0147, 66.4802, 82.0261)

Have a look what the booklet for
XYZ(75.0147, 66.4802, 82.0261)
contains.

XYZ(74.9835, 66.3413, 82.2519)	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(74.9835, 66.3413,
82.2519)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4E4
RGB	255, 196, 228
RGB Percent	100%, 77%, 89%
CMY	0.0000, 0.2313, 0.1059
CMYK	0.00, 0.23, 0.11, 0.00
HSL	327°, 100%, 88%
HSV	327°, 23%, 100%
XYZ	74.9835, 66.3413, 82.2519
YIQ	217.2890, 24.8920, 22.4600

Conversions

Conversions Part 2

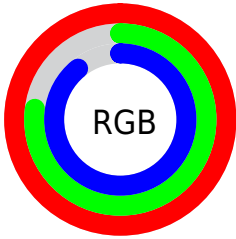
Format	Color
R _Y B	255, 196, 228
Decimal	16762084
CIE Lab	85.17, 25.93, -7.72
CIE LCh	85, 27.050, 343.424
Yxy	66.3413, 0.3354, 0.2967
Android (android.graphics.Color)	4294952164 (0xFFFFC4E4)
YUV	217.2890, 5.2805, 33.0725
Hunter-Lab	81.4502, 21.7903, -2.8585

Details

The XYZ color **74.9835, 66.3413, 82.2519** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.8464, 88.5845, 83.1272**, and the grayscale version is **66.1059, 69.5485, 75.7384**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **40.5045, 34.3689, 44.0342** is the 20% darker color. If you saturate the color by 10%, you get **68.1473, 55.1746, 72.2484**, and if you desaturate by 10%, it is **82.9097, 79.5123, 93.1600**.

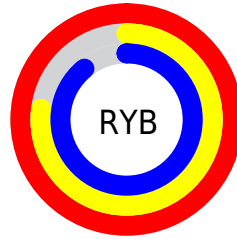
Distribution



Red (100%)

Green (77%)

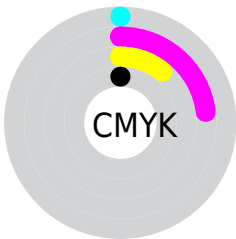
Blue (89%)



Red (100%)

Yellow (77%)

Blue (89%)

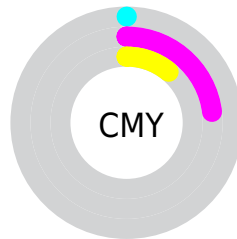


Cyan (0%)

Magenta (23%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9835, 66.3413, 82.2519 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 74.9835, 66.3413, 82.2519 by changing the saturation by 10% instead.

74.9835, 66.3413,
82.2519

74.9835, 66.3413,
82.2519

466.8589,
447.5965, 522.3954

55.8935, 48.5495,
61.0362

125.2770,
113.9761, 138.3670

40.3542, 34.2623,
43.8236

157.2113,
144.5878, 174.1035

28.0003, 23.0951,
30.1957

194.1577,
180.2417, 215.5174

18.4663, 14.6638,
19.7339

236.4815,
221.3220, 263.0271

11.3870, 8.5838,
12.0196

284.5482,
268.2133, 317.0512

6.3970, 4.4707,
6.6343

338.7231,

3.1309, 1.9402,

321.2999, 378.0083

3.1595

399.3716,
380.9662, 446.3168

■ 1.2233, 0.5724,
1.1767

■ 0.1247, 0.0000,
0.0000

■ 74.9835, 66.3413,
82.2519

■ 74.9835, 66.3413,
82.2519

■ 68.1473, 55.1746,
72.2484

■ 82.9097, 79.5123,
93.1600

■ 62.3449, 45.9041,
63.1177

■ 91.9691, 94.7718,
104.9948

■ 57.5218, 38.4243,
54.8316

95.0500, 100.0000,
108.9000

■ 53.6167, 32.6159,
47.3584

■ 50.5605, 28.3448,
40.6634

■ 48.2740, 25.4561,
34.7082

■ 46.6609, 23.7618,
29.4481

■ 45.8491, 23.1036,
26.2012

Harmonies

Analogous

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



71.4700, 66.3413, 99.4934



74.9835, 66.3413, 82.2519



75.1712, 66.3413, 64.7104

Triad

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



74.9835, 66.3413, 82.2519



60.3704, 66.3413, 44.2301



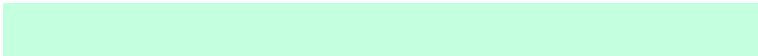
54.9114, 66.3413, 97.8839

Complementary

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



74.9835, 66.3413, 82.2519



71.8464, 88.5845, 83.1272

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.



52.3169, 66.3413, 80.3201



74.9835, 66.3413, 82.2519



55.3287, 66.3413, 50.4732

Square

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



74.9835, 66.3413, 82.2519



66.4625, 66.3413, 44.5760



52.4645, 66.3413, 63.0652



59.7668, 66.3413, 109.4670

Rectangle

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



74.9835, 66.3413, 82.2519



73.3645, 66.3413, 55.2600



52.4645, 66.3413, 63.0652



53.7604, 66.3413, 92.3711

Sweetspot

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



74.9851, 66.3441, 82.2533



88.3300, 88.6202, 100.3089



68.0853, 62.3197, 103.0482



18.7880, 18.7690, 21.3163



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.



74.9851, 66.3441, 82.2533



71.5258, 60.6663, 77.2748



71.2850, 64.8640, 62.7688



18.4214, 18.1519, 20.8364



24.0335, 12.1027, 14.0927



2.3952, 1.2005, 1.6627

Inverse Universe

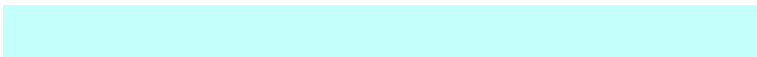
The Inverse Universe completely reimagines the original color for something new.



74.9851, 66.3441, 82.2533



71.5258, 60.6663, 77.2748



76.1052, 90.2880, 105.5534



18.4214, 18.1519, 20.8364



24.0335, 12.1027, 14.0927



2.3952, 1.2005, 1.6627

Previews

White Background



This preview shows how the XYZ color 74.9835, 66.3413, 82.2519 looks on a white background.

Color Contrast Check

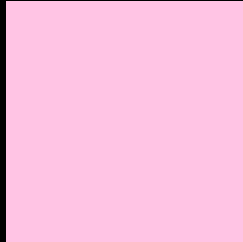
Large Text (above 18pt) WCAG AA × Fail

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 74.9835, 66.3413, 82.2519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

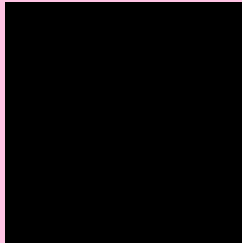
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9835, 66.3413, 82.2519

Background



This preview shows how black text looks on a background with the XYZ color 74.9835, 66.3413, 82.2519.



This preview shows how white text looks on a background with the XYZ color 74.9835, 66.3413,

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

74.9835, 66.3413, 82.2519

Protanopia

65.5544, 66.9617, 90.3587

Deuteranopia

68.0352, 66.6106, 81.2228



Tritanopia

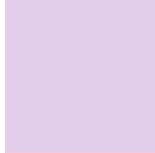
72.8397, 66.1259, 72.5428

Trichromacy



Original Color

74.9835, 66.3413, 82.2519



Protanomaly

68.2866, 66.2519, 87.0307



Deuteranomaly

70.4810, 66.4351, 81.7815



Tritanomaly

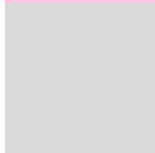
73.6255, 66.1178, 75.8994

Monochromacy



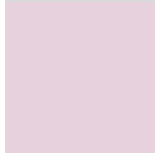
Original Color

74.9835, 66.3413, 82.2519



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

68.8066, 67.8103, 77.8688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9835, 66.3413, 82.2519 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, 196, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 228)  
}
```

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, 196, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.9835, 66.3413, 82.2519 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, 196, 228) }
```


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

```
.border{ border-color:rgb(255, 196, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9835, 66.3413, 82.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 228) }
```

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

```
.background{ background-color: rgb(255,  
196, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor