

Converting Colors

XYZ(95.8742, 76.8818, 83.4852)

Have a look what the booklet for
XYZ(95.8742, 76.8818, 83.4852)
contains.

XYZ(74.7587, 65.8916, 82.1769)	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(74.7587, 65.8916,
82.1769)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3E4
RGB	255, 195, 228
RGB Percent	100%, 76%, 89%
CMY	0.0000, 0.2353, 0.1059
CMYK	0.00, 0.24, 0.11, 0.00
HSL	327°, 100%, 88%
HSV	327°, 24%, 100%
XYZ	74.7587, 65.8916, 82.1769
YIQ	216.7020, 25.1670, 22.9830

Conversions

Conversions Part 2

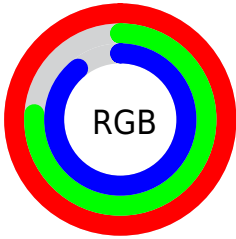
Format	Color
R_{YB}	255, 195, 228
Decimal	16761828
CIE _{Lab}	84.94, 26.45, -8.06
CIE _{LCh}	85, 27.651, 343.060
Yxy	65.8916, 0.3355, 0.2957
Android (android.graphics.Color)	4294951908 (0xFFFFC3E4)
YUV	216.7020, 5.5699, 33.5873
Hunter-Lab	81.1736, 22.3397, -3.2012

Details

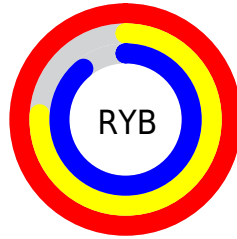
The XYZ color **74.7587, 65.8916, 82.1769** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.4526, 88.3971, 82.4069**, and the grayscale version is **65.7017, 69.1233, 75.2753**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **40.3564, 34.0726, 43.9848** is the 20% darker color. If you saturate the color by 10%, you get **67.9850, 54.8096, 72.3187**, and if you desaturate by 10%, it is **82.6167, 78.9725, 92.9200**.

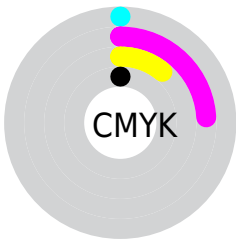
Distribution



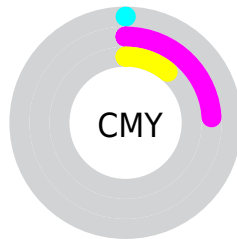
- Red (100%)
- Green (76%)
- Blue (89%)



- Red (100%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (24%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7587, 65.8916, 82.1769 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 74.7587, 65.8916, 82.1769 by changing the saturation by 10% instead.

74.7587, 65.8916,
82.1769

74.7587, 65.8916,
82.1769

466.0977,
445.9891, 522.1382

55.7087, 48.1844,
60.9747

124.9605,
113.3307, 138.2610

40.2055, 33.9729,
43.7743

156.8430,
143.8315, 173.9799

27.8837, 22.8728,
30.1572

193.7337,
179.3655, 215.3748

18.3780, 14.4996,
19.7049

235.9979,
220.3173, 262.8643

11.3231, 8.4690,
11.9988

284.0011,
267.0711, 316.8668

6.3535, 4.3965,
6.6203

338.1086,

3.1039, 1.8977,

320.0114, 377.8009

3.1510

398.6857,
379.5226, 446.0852

■ 1.2089, 0.5470,
1.1722

■ 0.1134, 0.0000,
0.0000

■ 74.7587, 65.8916,
82.1769

■ 74.7587, 65.8916,
82.1769

■ 67.9850, 54.8096,
72.3187

■ 82.6167, 78.9725,
92.9200

■ 62.2396, 45.6185,
63.3141

■ 91.6026, 94.1371,
104.5698

■ 57.4680, 38.2123,
55.1355

95.0500, 100.0000,
108.9000

■ 53.6086, 32.4712,
47.7516

■ 50.5922, 28.2606,
41.1284

■ 48.3390, 25.4247,
35.2278

■ 46.7522, 23.7735,
30.0057

■ 45.9916, 23.1607,
26.9518

Harmonies

Analogous

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



71.1393, 65.8916, 99.7424



74.7587, 65.8916, 82.1769



74.9944, 65.8916, 64.2915

Triad

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



74.7587, 65.8916, 82.1769



59.9684, 65.8916, 43.3227



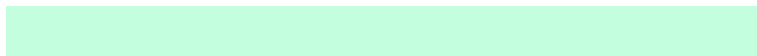
54.3027, 65.8916, 97.7169

Complementary

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



74.7587, 65.8916, 82.1769



71.4526, 88.3971, 82.4069

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.



51.7017, 65.8916, 79.7528



74.7587, 65.8916, 82.1769



54.8242, 65.8916, 49.5478

Square

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



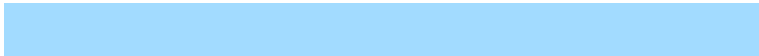
74.7587, 65.8916, 82.1769



66.1719, 65.8916, 43.7522



51.8861, 65.8916, 62.2351



59.2129, 65.8916, 109.6809

Rectangle

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



74.7587, 65.8916, 82.1769



73.1777, 65.8916, 54.6603



51.8861, 65.8916, 62.2351



53.1443, 65.8916, 92.0628

Sweetspot

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



74.7602, 65.8943, 82.1783



88.3511, 88.6286, 100.4195



67.6916, 61.7829, 102.9653



18.7929, 18.7709, 21.3419



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.



74.7602, 65.8943, 82.1783



71.5990, 60.6956, 77.6607



70.9501, 64.3703, 62.1147



18.4275, 18.1543, 20.8681



24.1080, 12.1325, 14.4851



2.4024, 1.2033, 1.7005

Inverse Universe

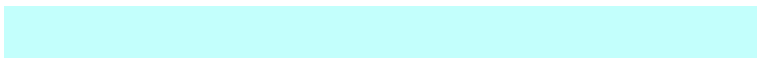
The Inverse Universe completely reimagines the original color for something new.



74.7602, 65.8943, 82.1783



71.5990, 60.6956, 77.6607



75.8379, 90.1512, 105.4995



18.4275, 18.1543, 20.8681



24.1080, 12.1325, 14.4851



2.4024, 1.2033, 1.7005

Previews

White Background



This preview shows how the XYZ color 74.7587, 65.8916, 82.1769 looks on a white background.

Color Contrast Check

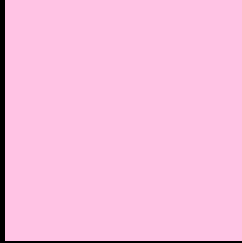
Large Text (above 18pt) WCAG AA × Fail

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 74.7587, 65.8916, 82.1769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

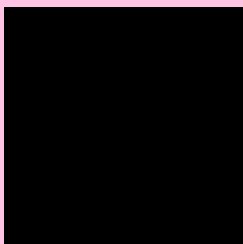
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7587, 65.8916, 82.1769

Background



This preview shows how black text looks on a background with the XYZ color 74.7587, 65.8916, 82.1769.



This preview shows how white text looks on a background with the XYZ color 74.7587, 65.8916,

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

74.7587, 65.8916, 82.1769

Protanopia

65.0214, 66.3169, 90.2624

Deuteranopia

67.4773, 65.9645, 81.1275



Tritanopia

72.7123, 66.0749, 71.8722

Trichromacy



Original Color

74.7587, 65.8916, 82.1769



Protanomaly

68.0466, 65.7719, 86.9507



Deuteranomaly

69.9107, 65.7916, 81.6874



Tritanomaly

73.4942, 66.0653, 75.2080

Monochromacy



Original Color

74.7587, 65.8916, 82.1769



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 74.7587, 65.8916, 82.1769 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, 195, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 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, 195, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.7587, 65.8916, 82.1769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

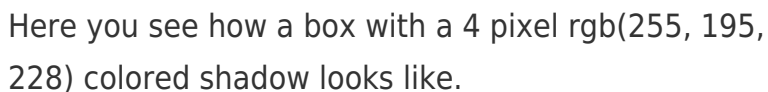
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 195, 228) }
```


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

```
.border{ border-color:rgb(255, 195, 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, 195, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 228); box-shadow:4px 4px 4px 4px rgb(255, 195, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7587, 65.8916, 82.1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 228) }
```

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

```
.background{ background-color: rgb(255,  
195, 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](#).

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